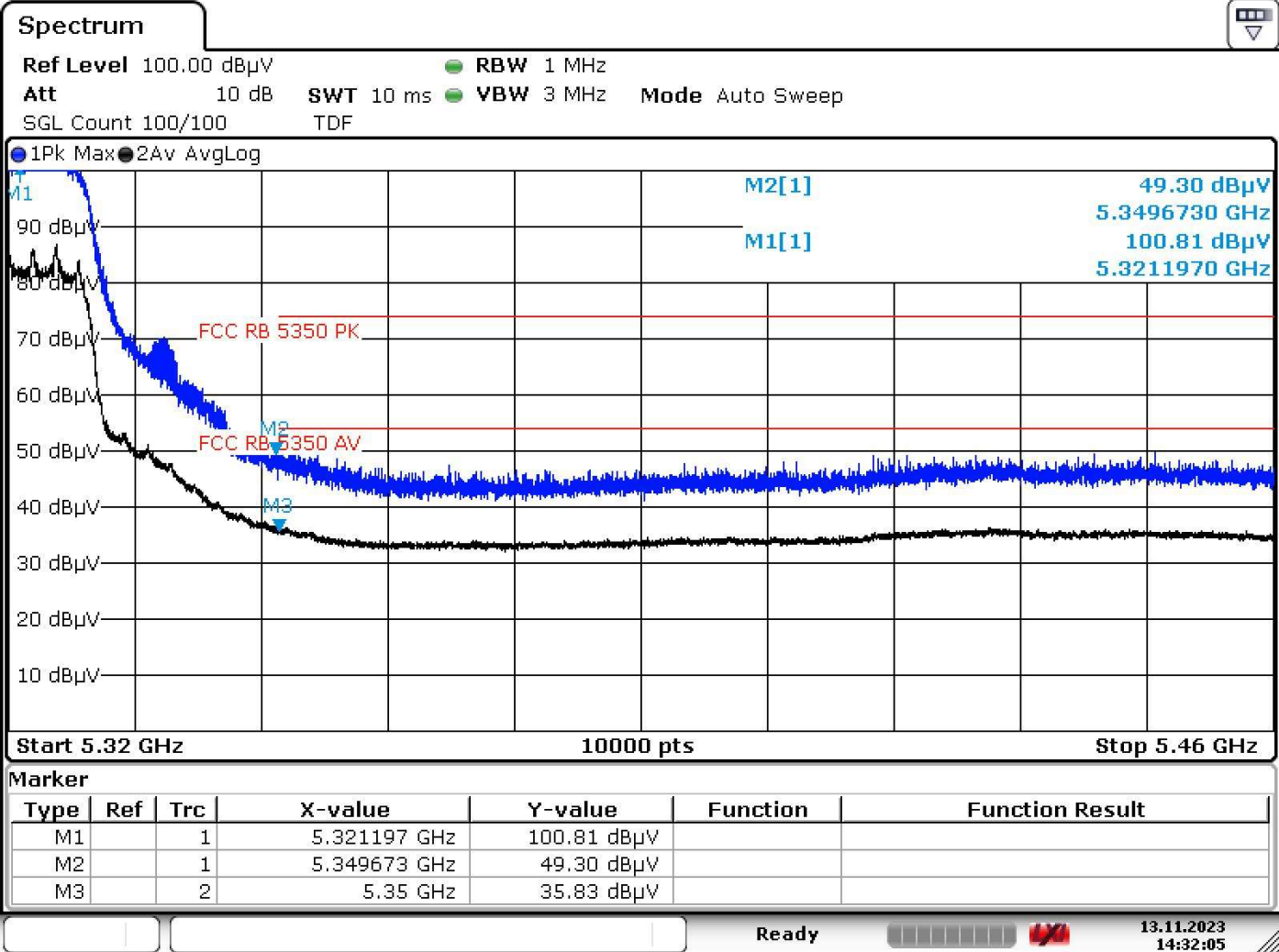


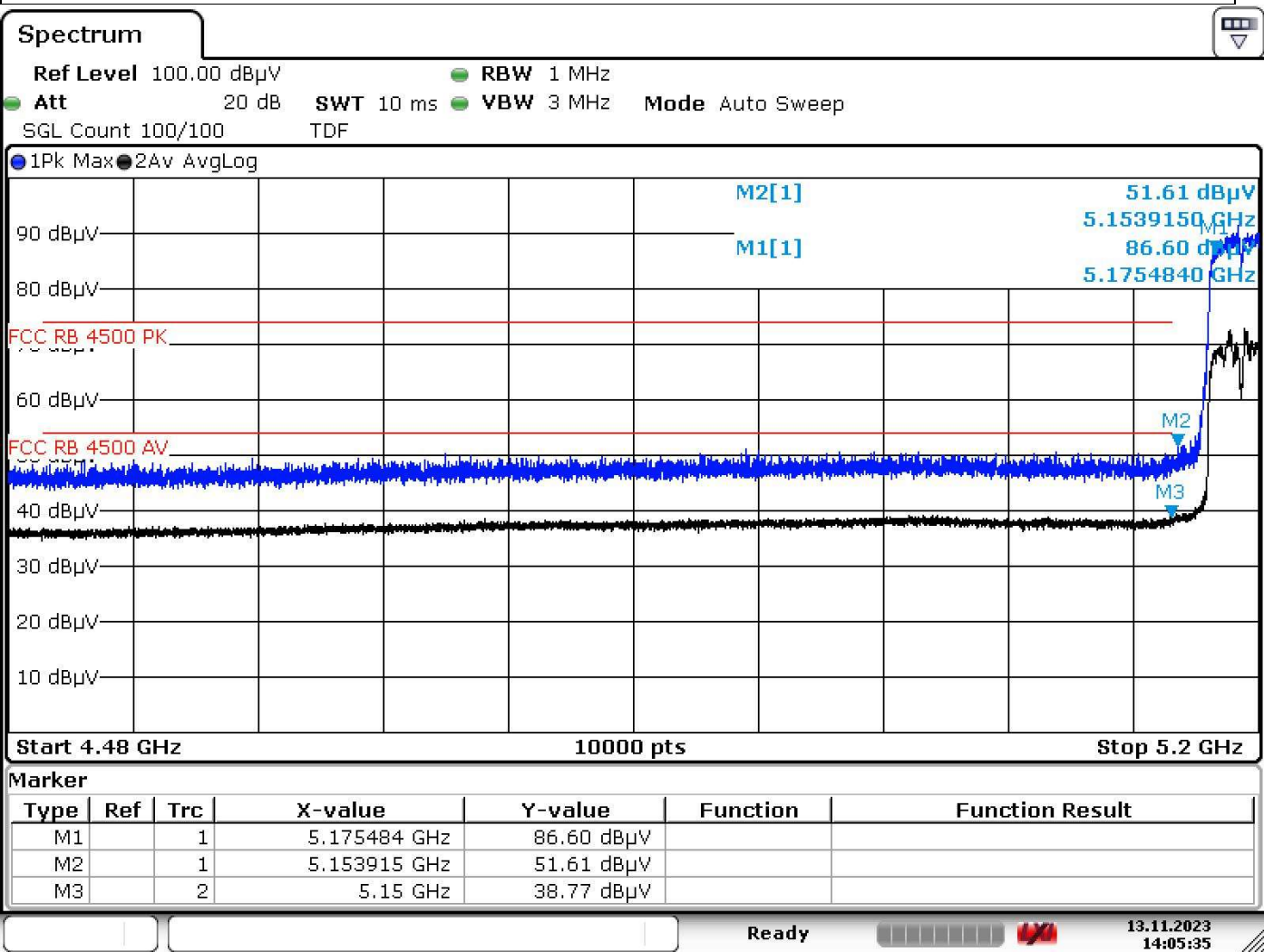
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 2: Transmit at 5320MHz by 802.11n(20MHz)	



Date: 13.NOV.2023 14:32:05

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

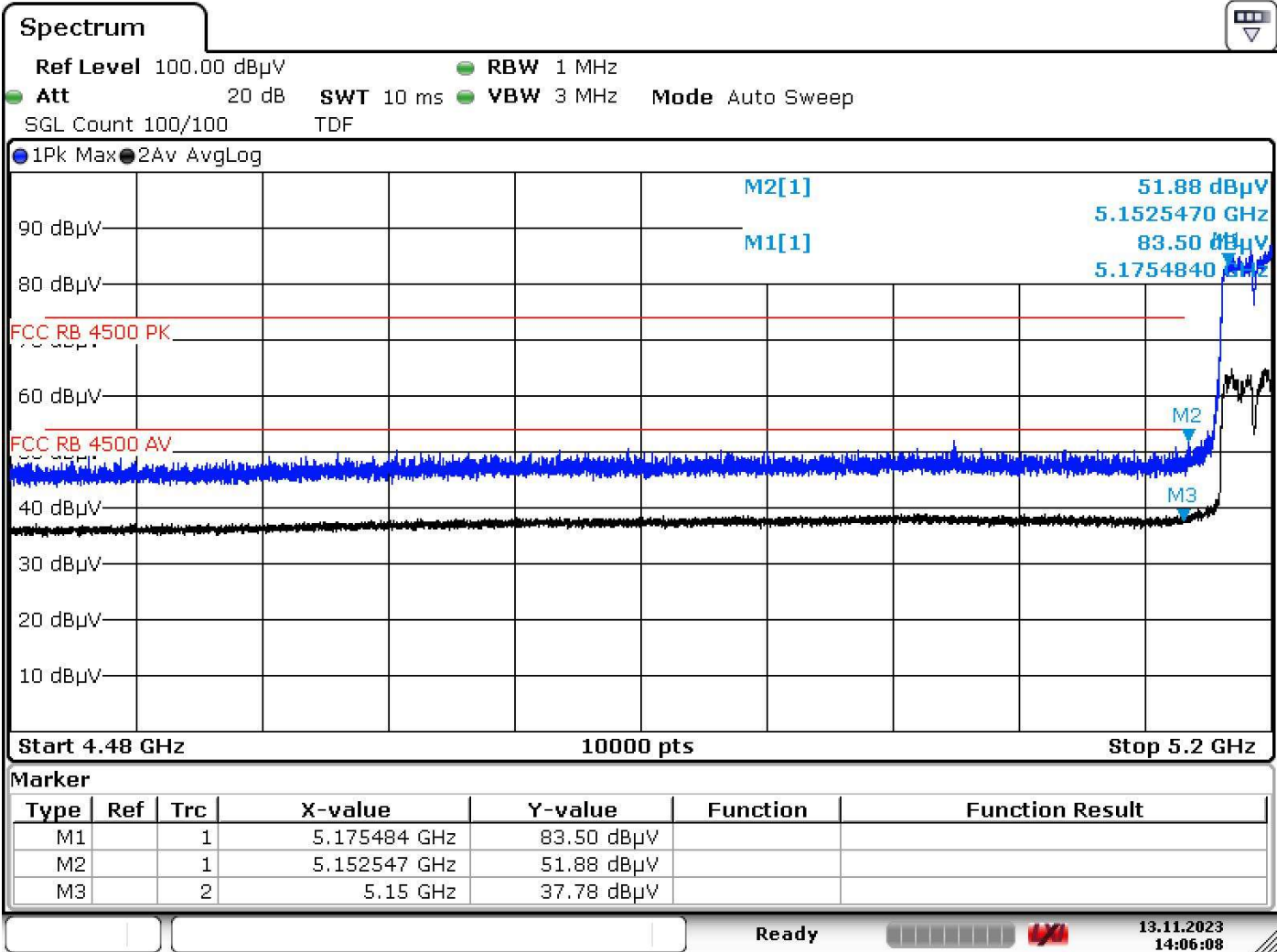
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 3 : Transmit at 5190MHz by 802.11n(40MHz)	



Date: 13.NOV.2023 14:05:34

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

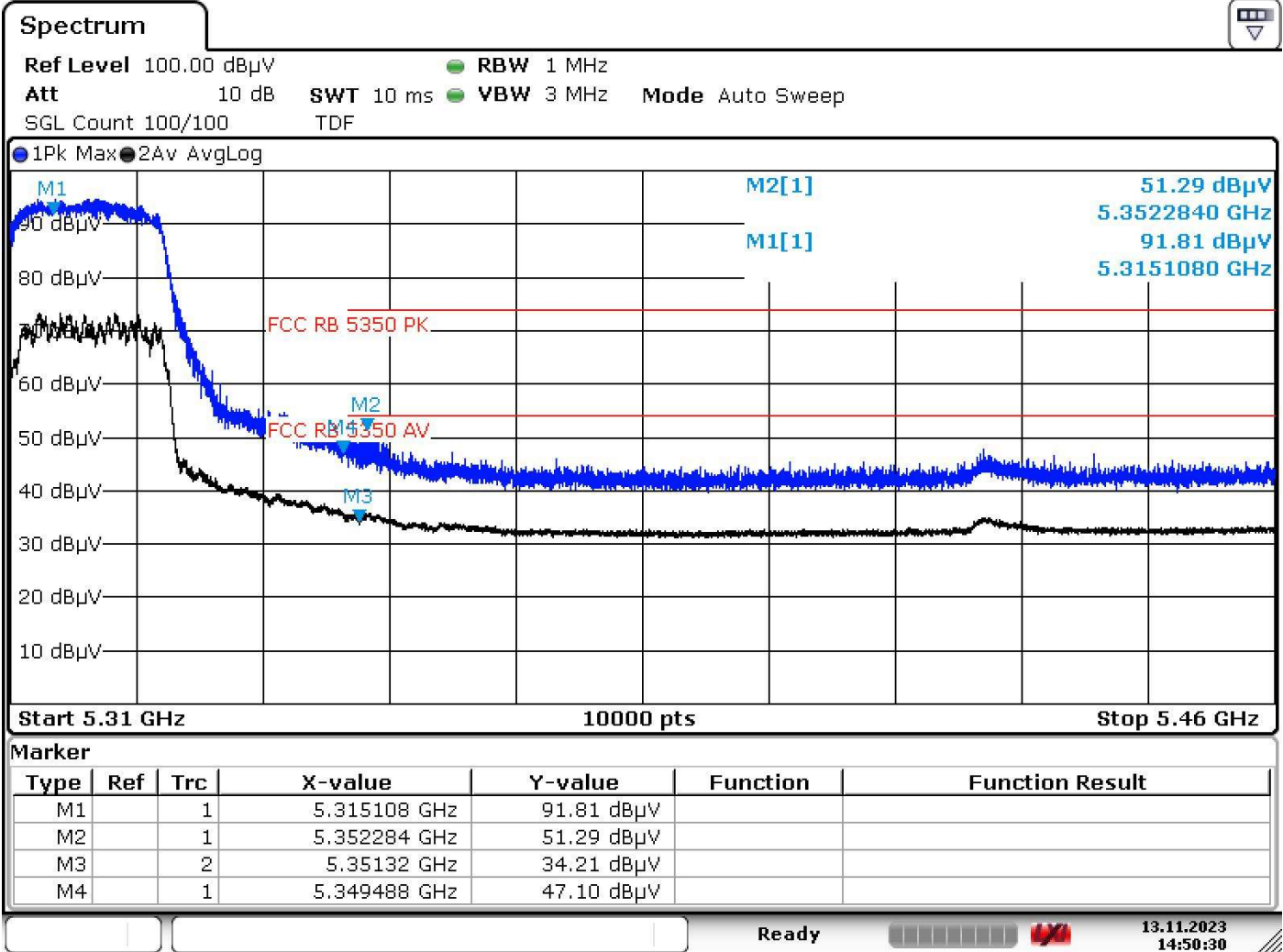
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 3 : Transmit at 5190MHz by 802.11n(40MHz)	



Date: 13.NOV.2023 14:06:09

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

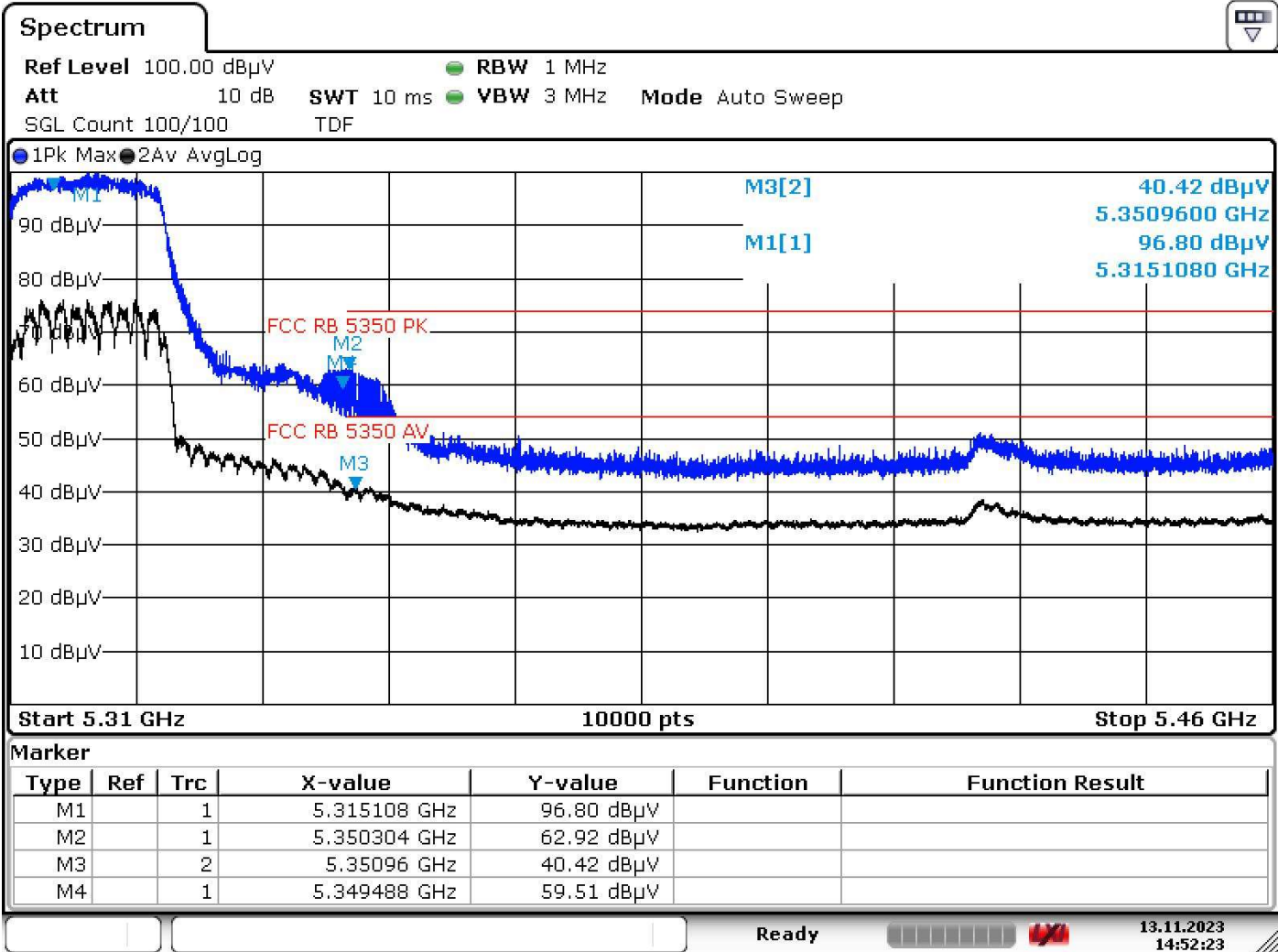
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 3: Transmit at 5310MHz by 802.11n(40MHz)	



Date: 13.NOV.2023 14:50:30

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

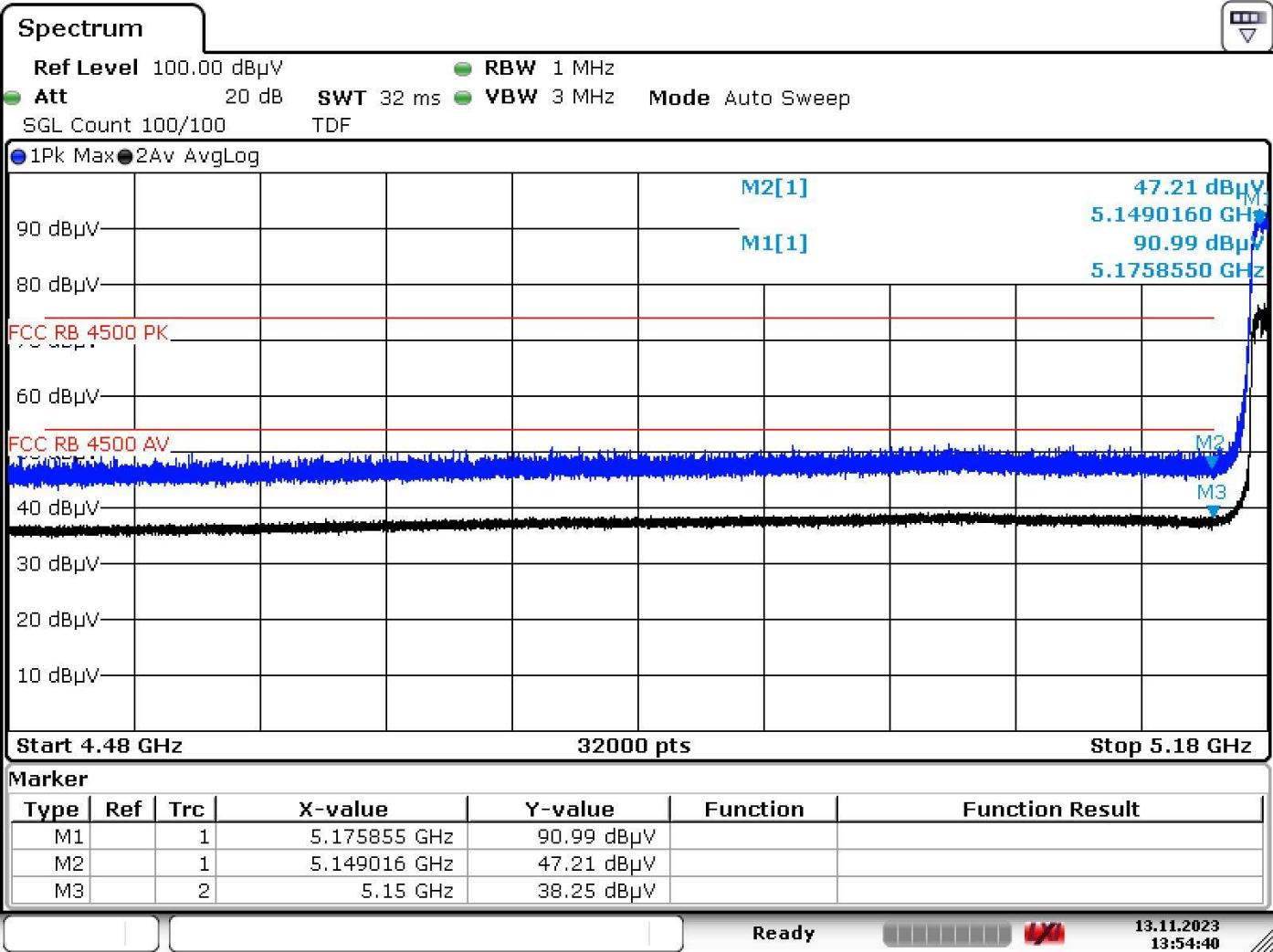
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 3: Transmit at 5310MHz by 802.11n(40MHz)	



Date: 13.NOV.2023 14:52:23

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

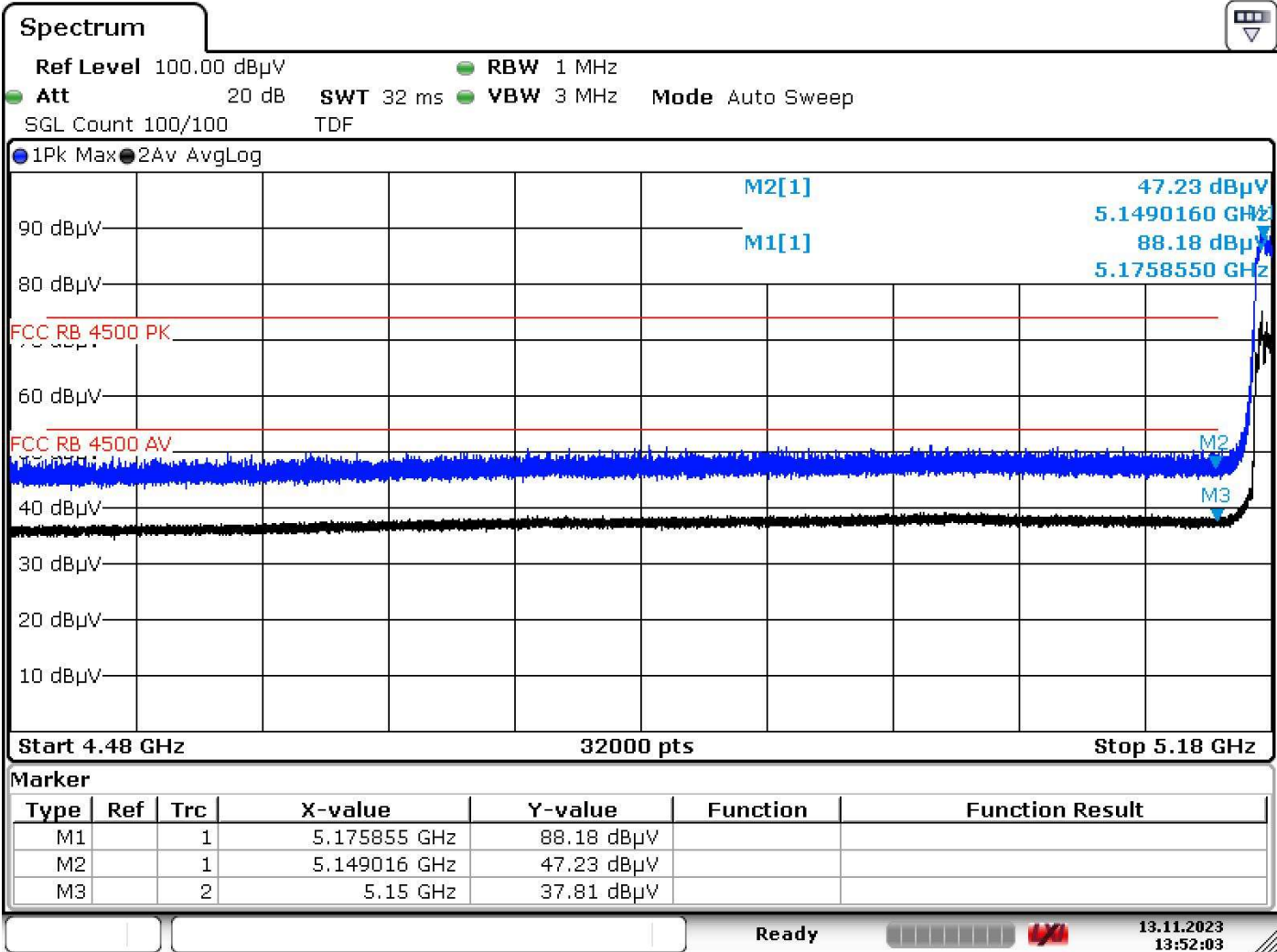
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 4 : Transmit at 5180MHz by 802.11ac(20MHz)	



Date: 13.NOV.2023 13:54:39

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

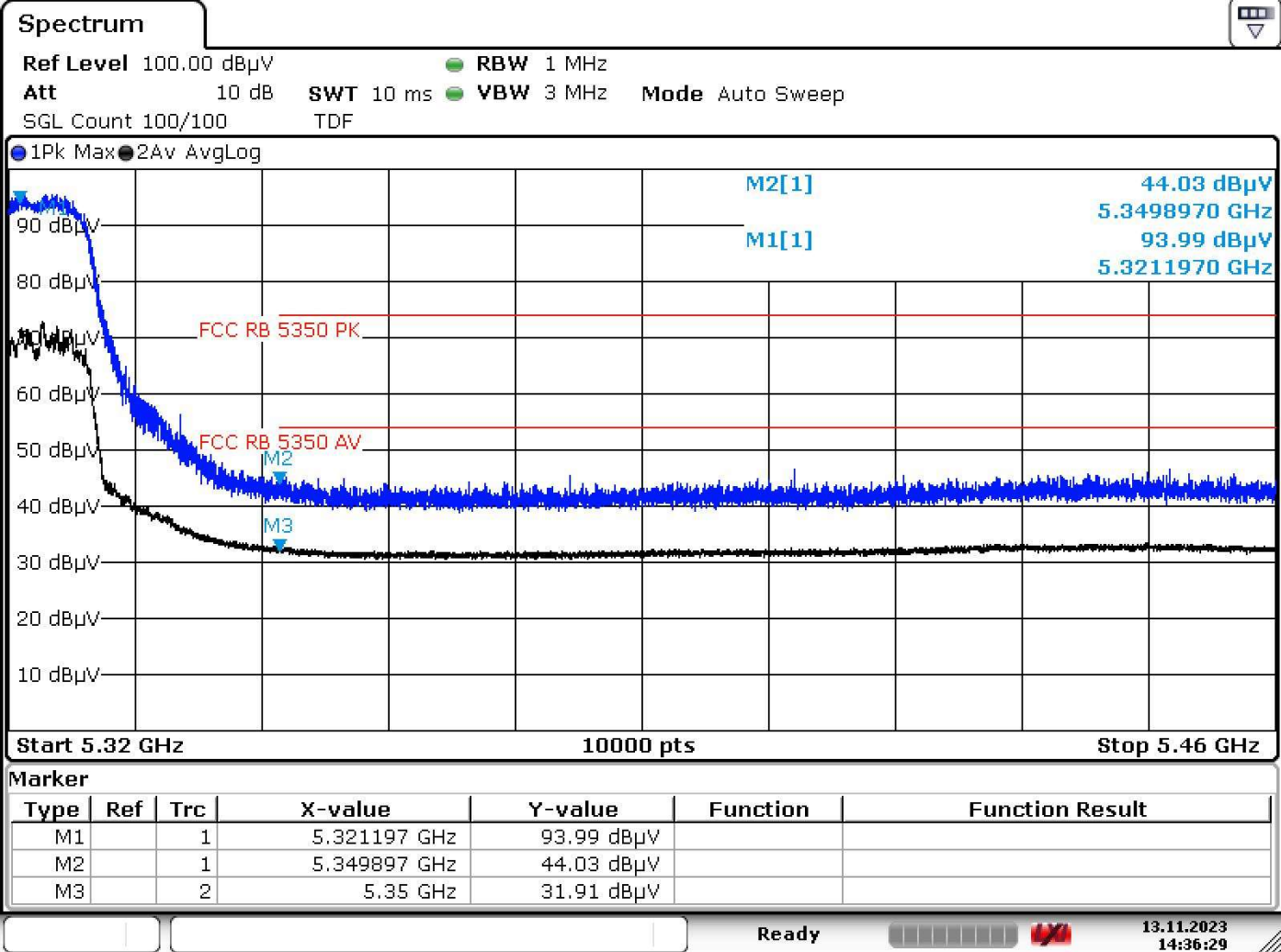
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 4 : Transmit at 5180MHz by 802.11ac(20MHz)	



Date: 13.NOV.2023 13:52:02

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

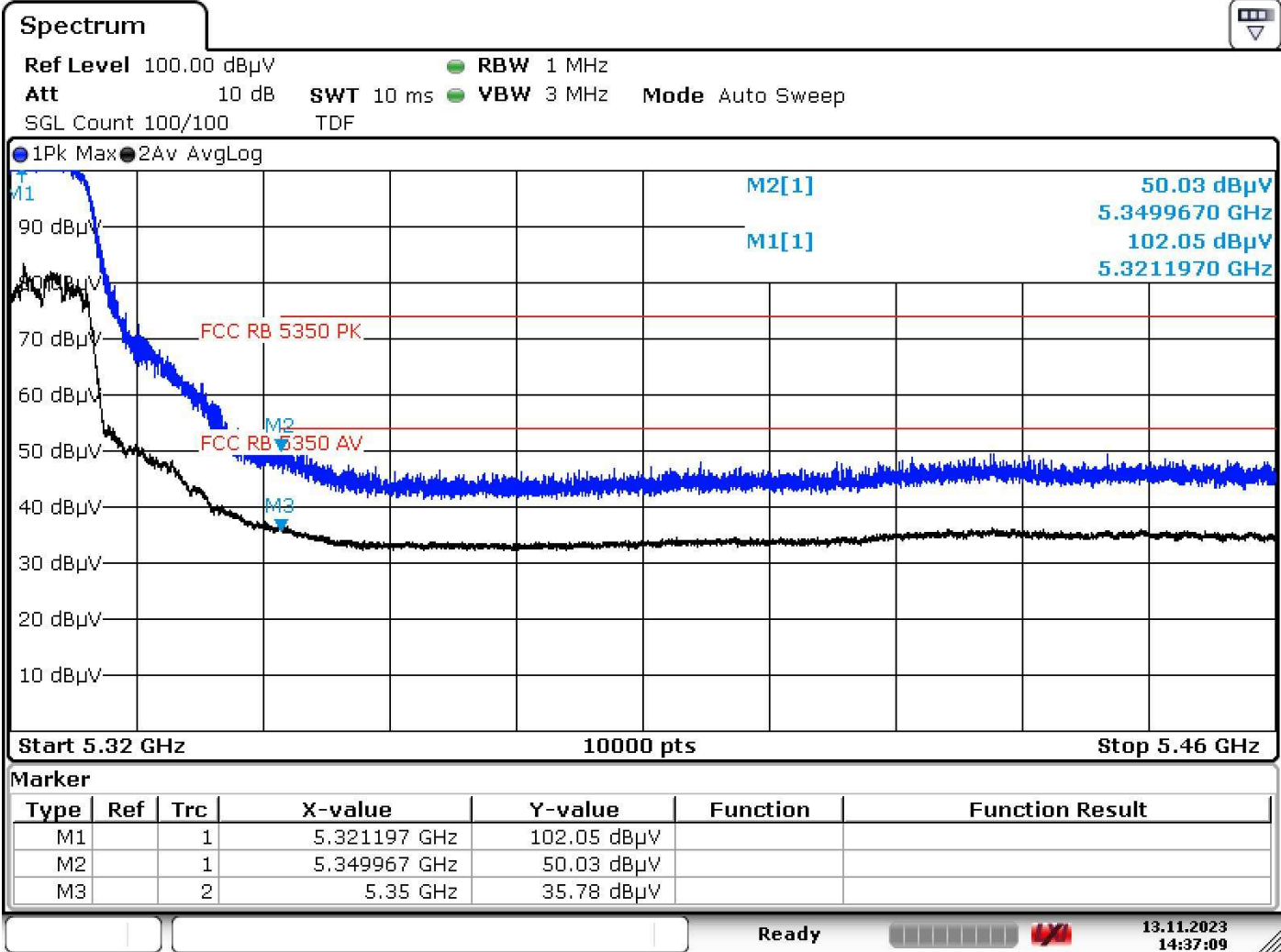
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 4: Transmit at 5320MHz by 802.11ac(20MHz)	



Date: 13.NOV.2023 14:36:30

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

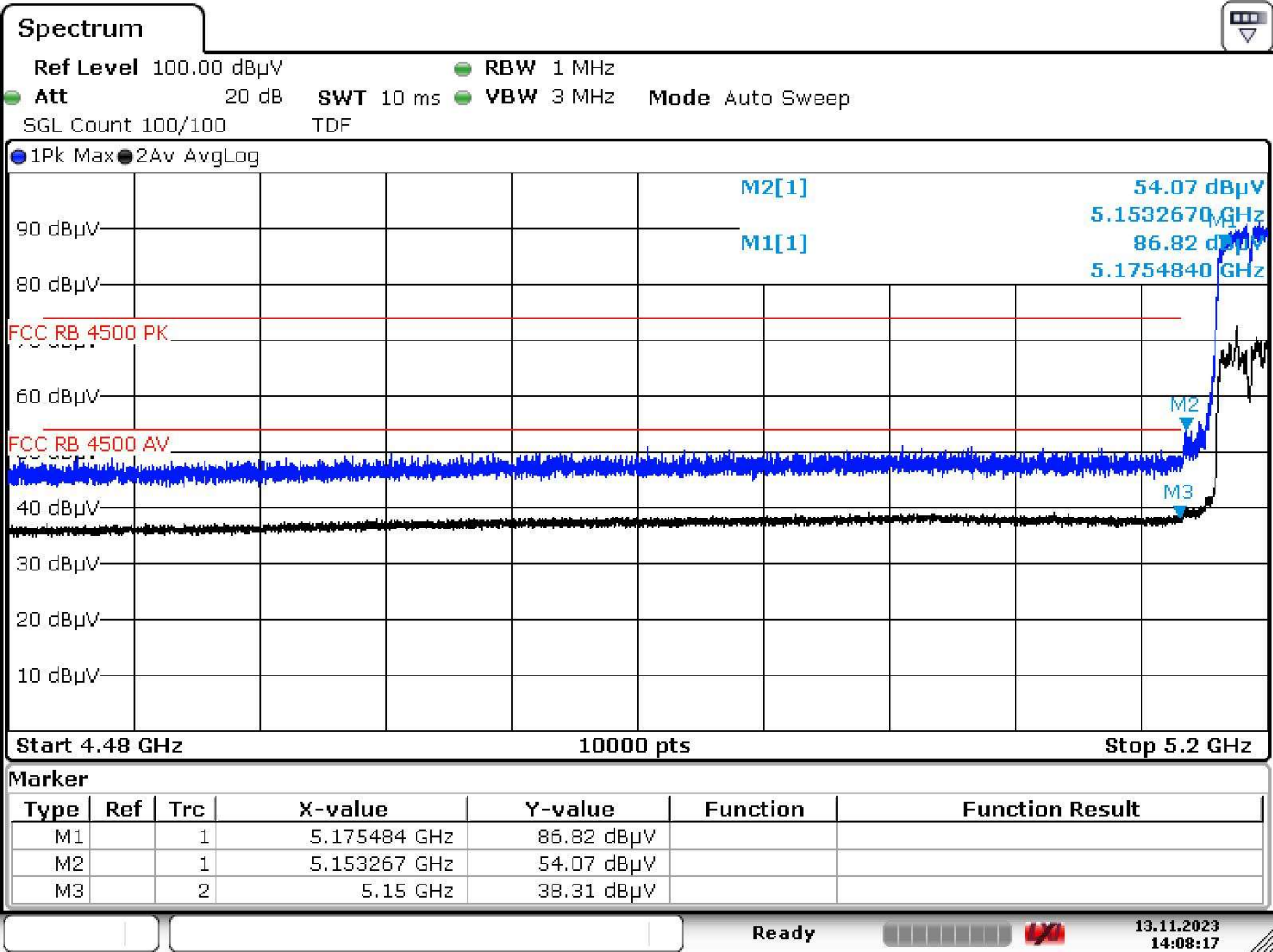
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 4: Transmit at 5320MHz by 802.11ac(20MHz)	



Date: 13.NOV.2023 14:37:09

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

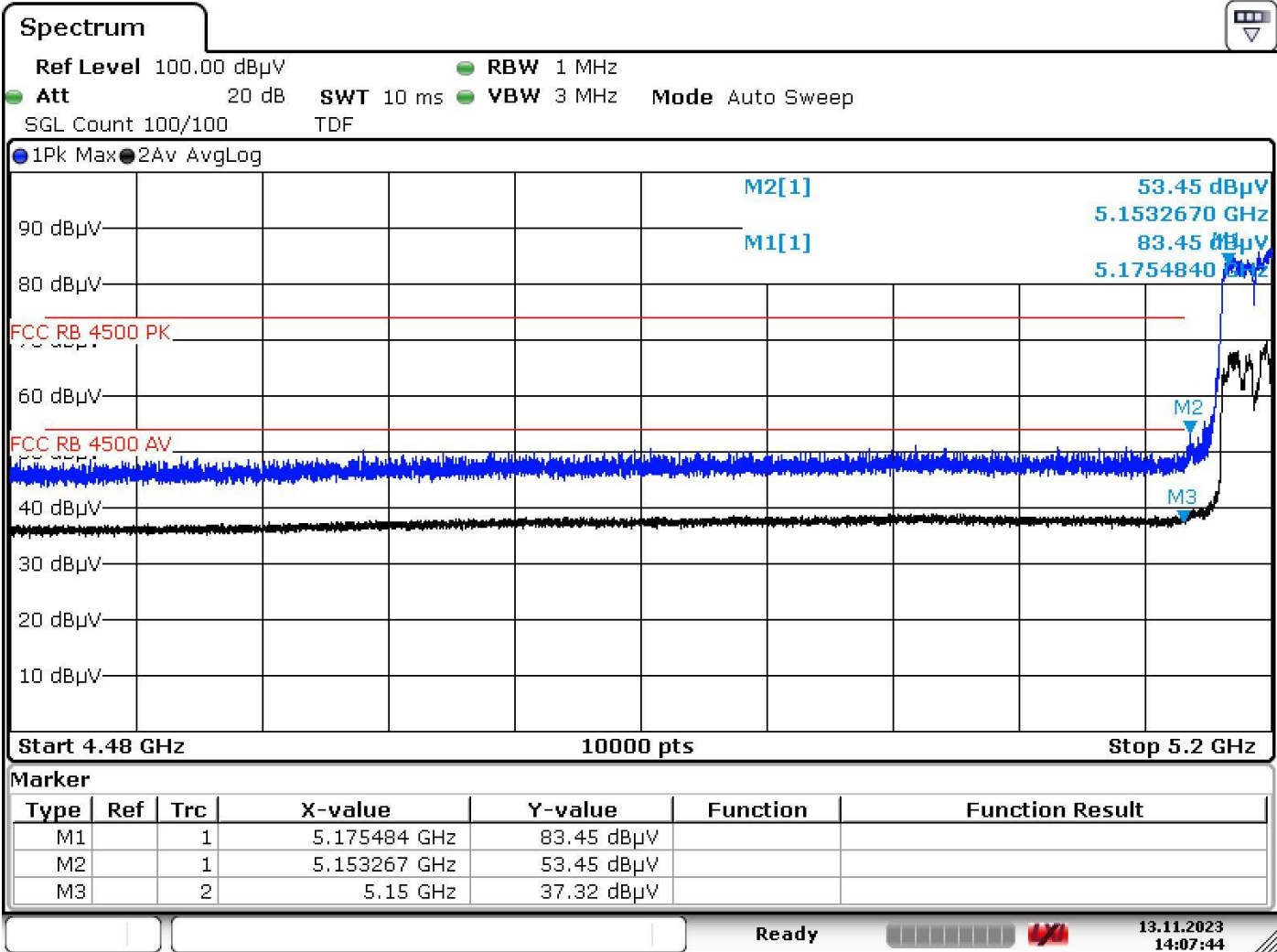
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 5 : Transmit at 5190MHz by 802.11ac(40MHz)	



Date: 13.NOV.2023 14:08:17

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

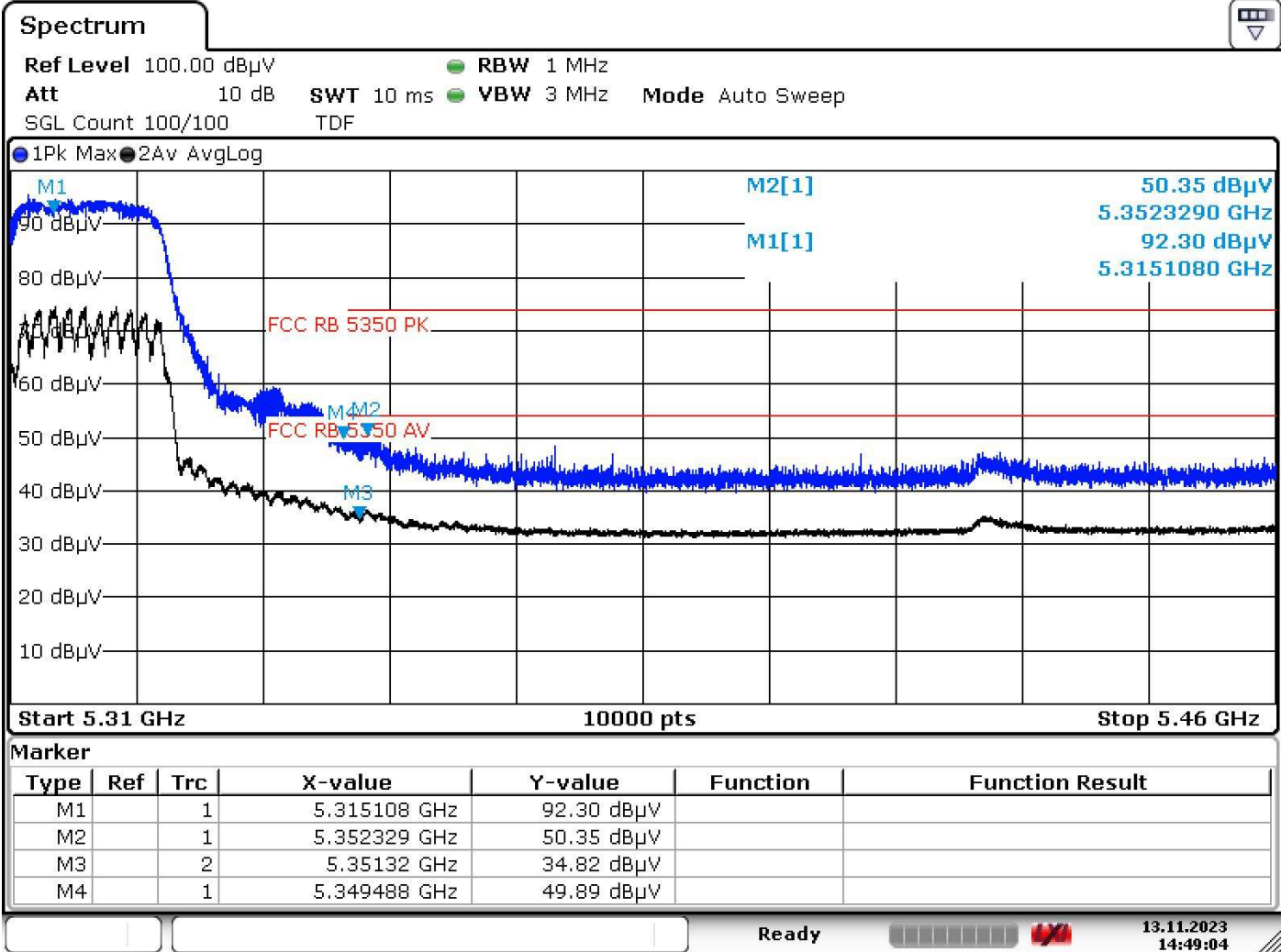
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 5 : Transmit at 5190MHz by 802.11ac(40MHz)	



Date: 13.NOV.2023 14:07:45

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

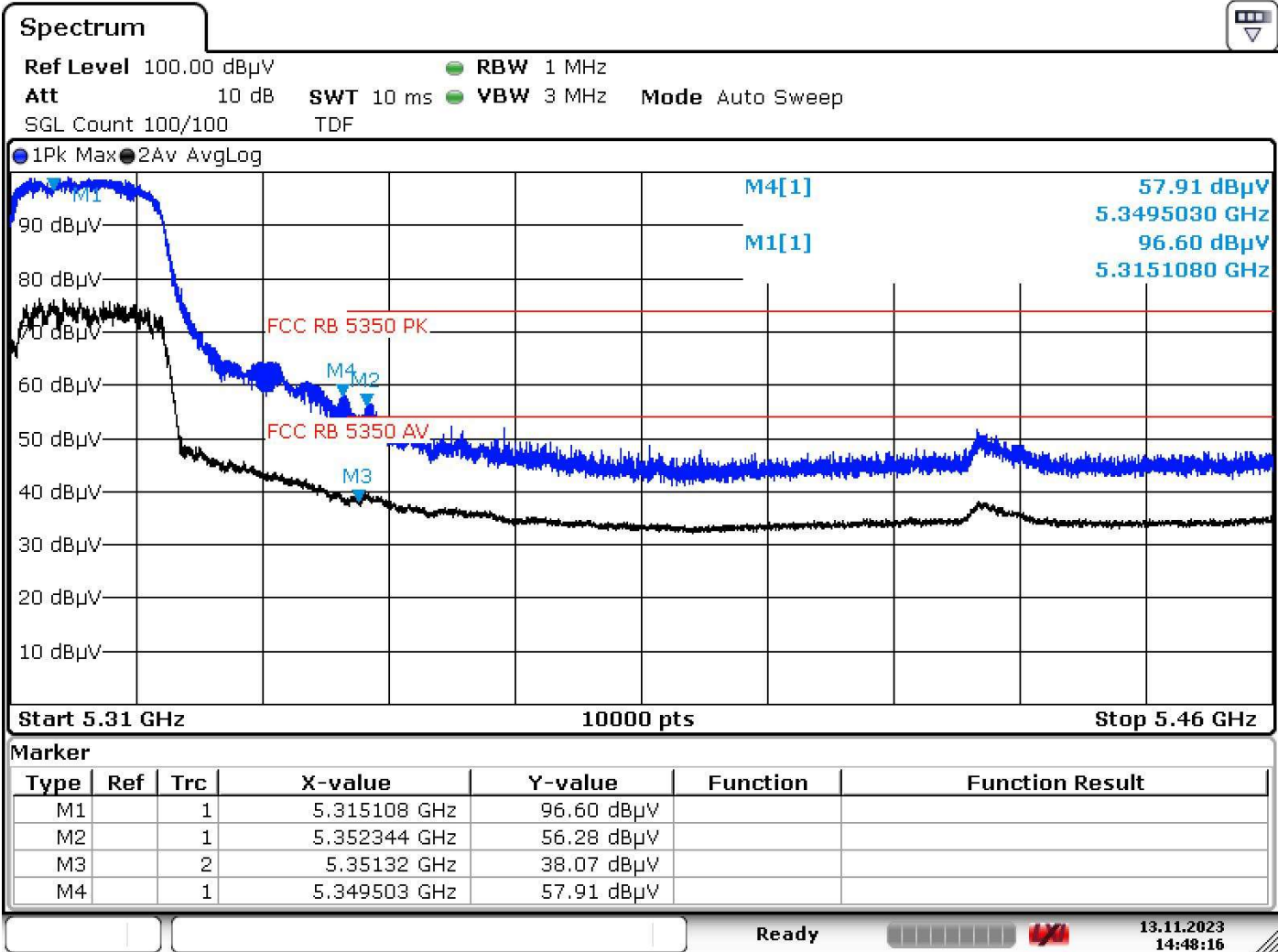
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 5: Transmit at 5310MHz by 802.11ac(40MHz)	



Date: 13.NOV.2023 14:49:04

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

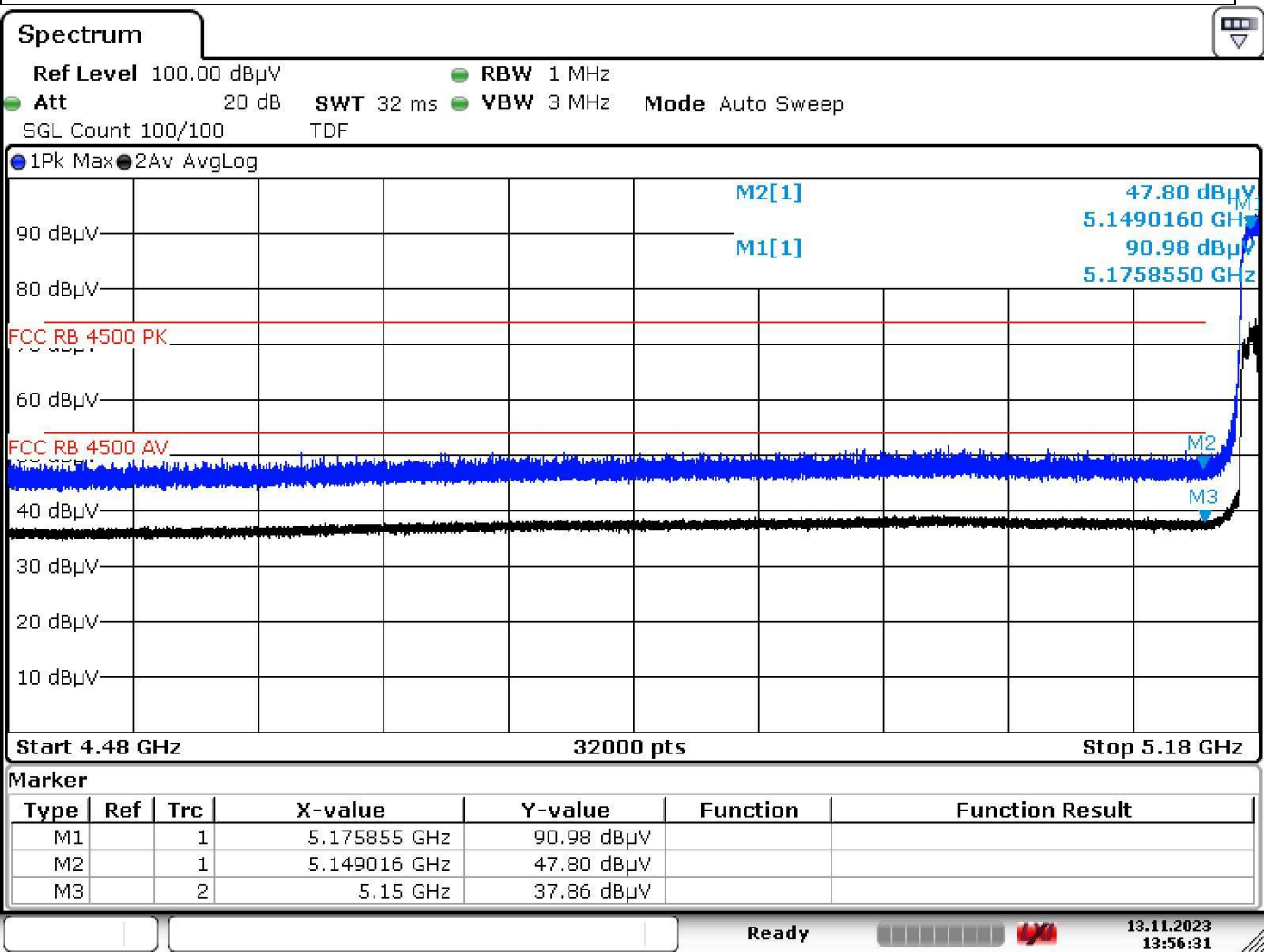
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 5: Transmit at 5310MHz by 802.11ac(40MHz)	



Date: 13.NOV.2023 14:48:16

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

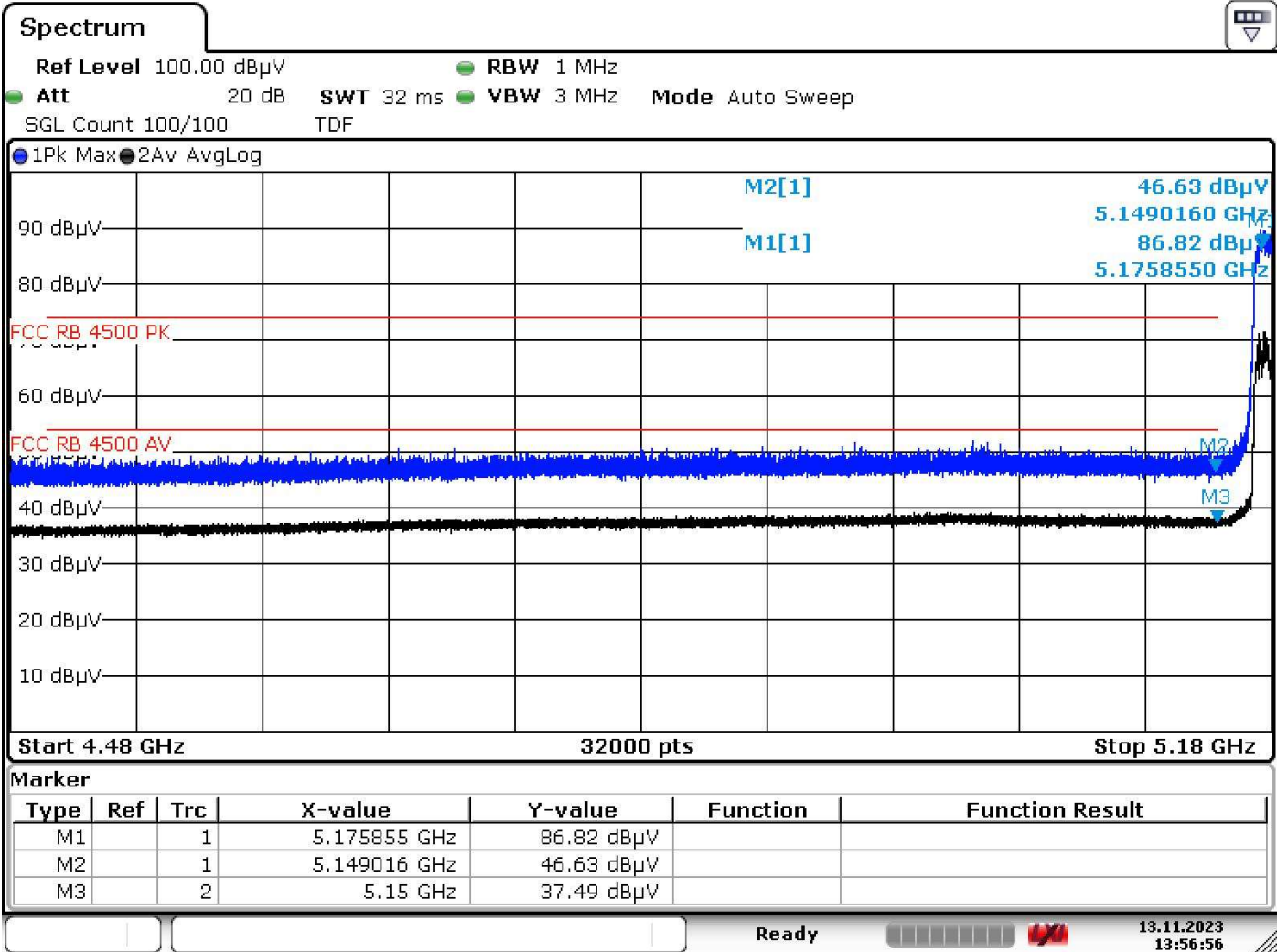
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 6 : Transmit at 5180MHz by 802.11ax(20MHz)	



Date: 13.NOV.2023 13:56:31

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

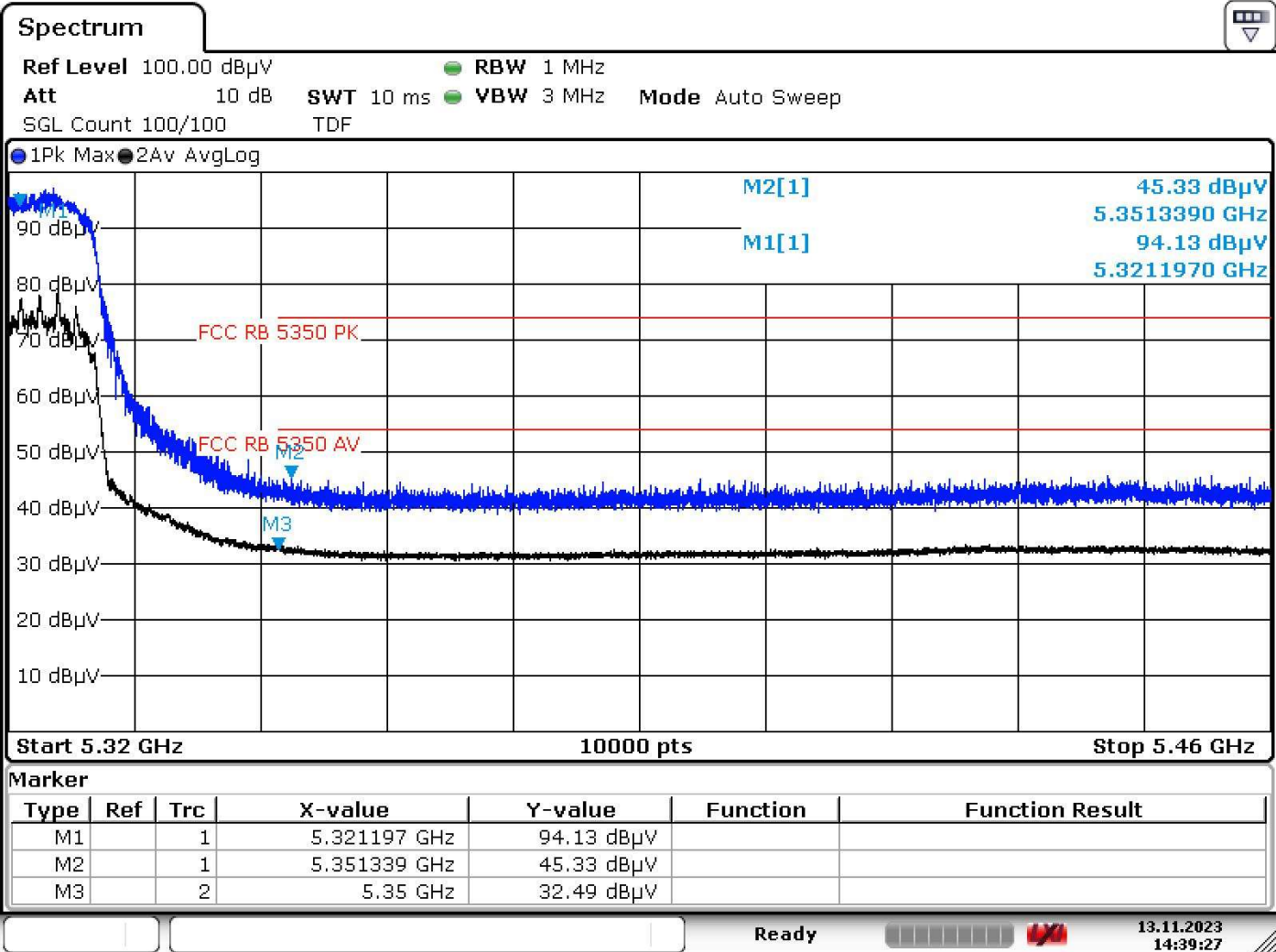
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 6 : Transmit at 5180MHz by 802.11ax(20MHz)	



Date: 13.NOV.2023 13:56:55

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

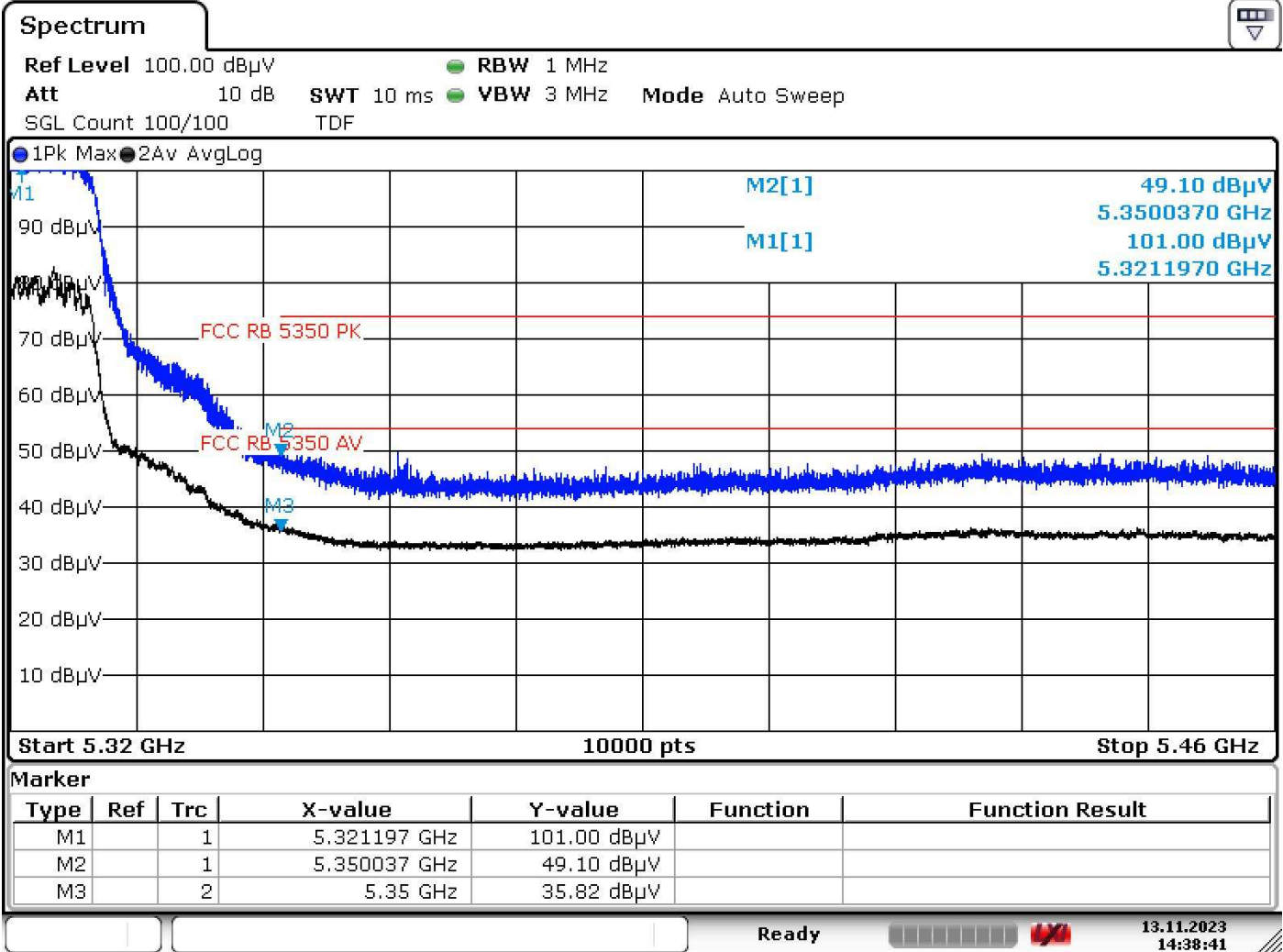
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 6: Transmit at 5320MHz by 802.11ax(20MHz)	



Date: 13.NOV.2023 14:39:27

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

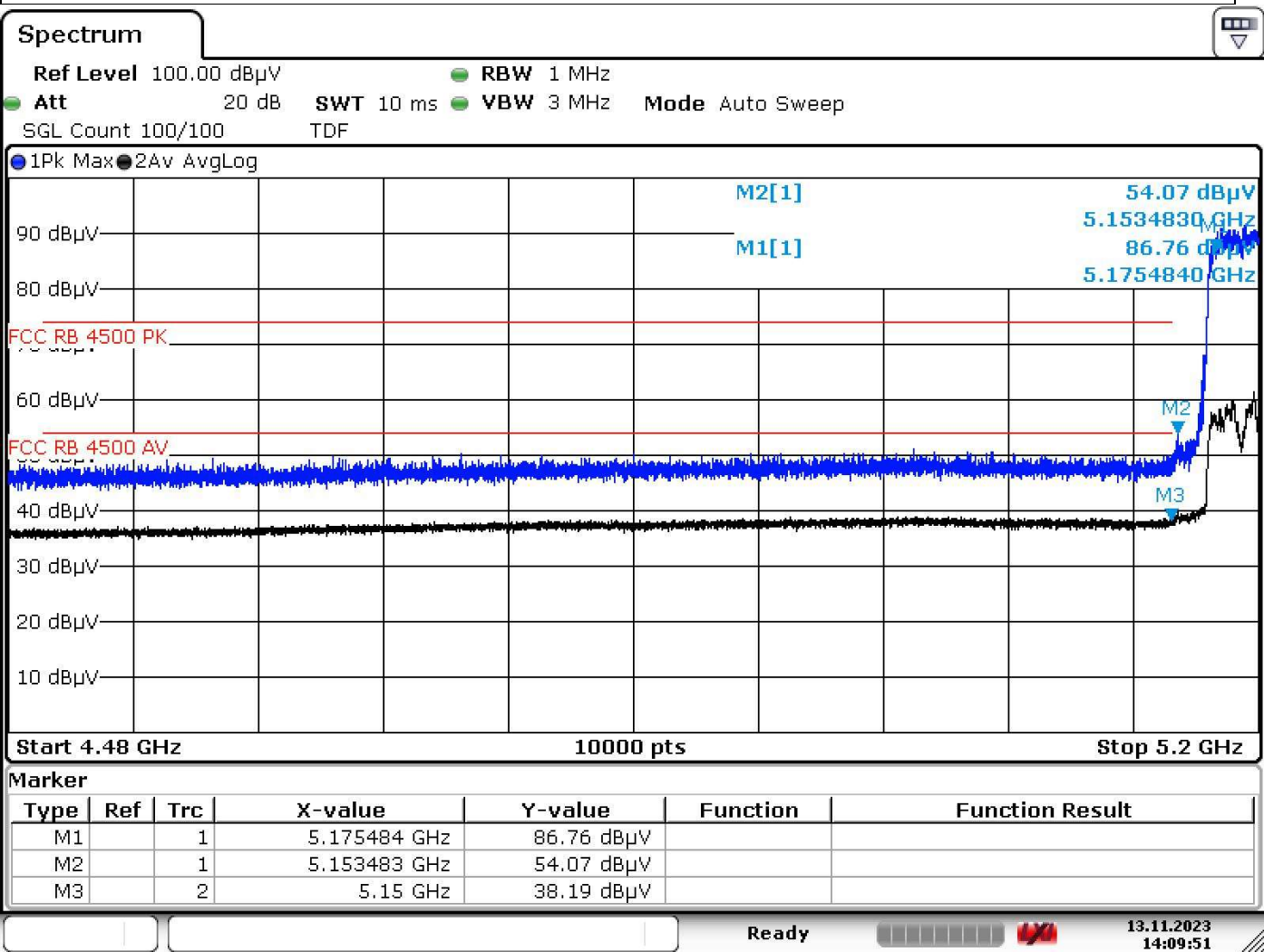
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 6: Transmit at 5320MHz by 802.11ax(20MHz)	



Date: 13.NOV.2023 14:38:41

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

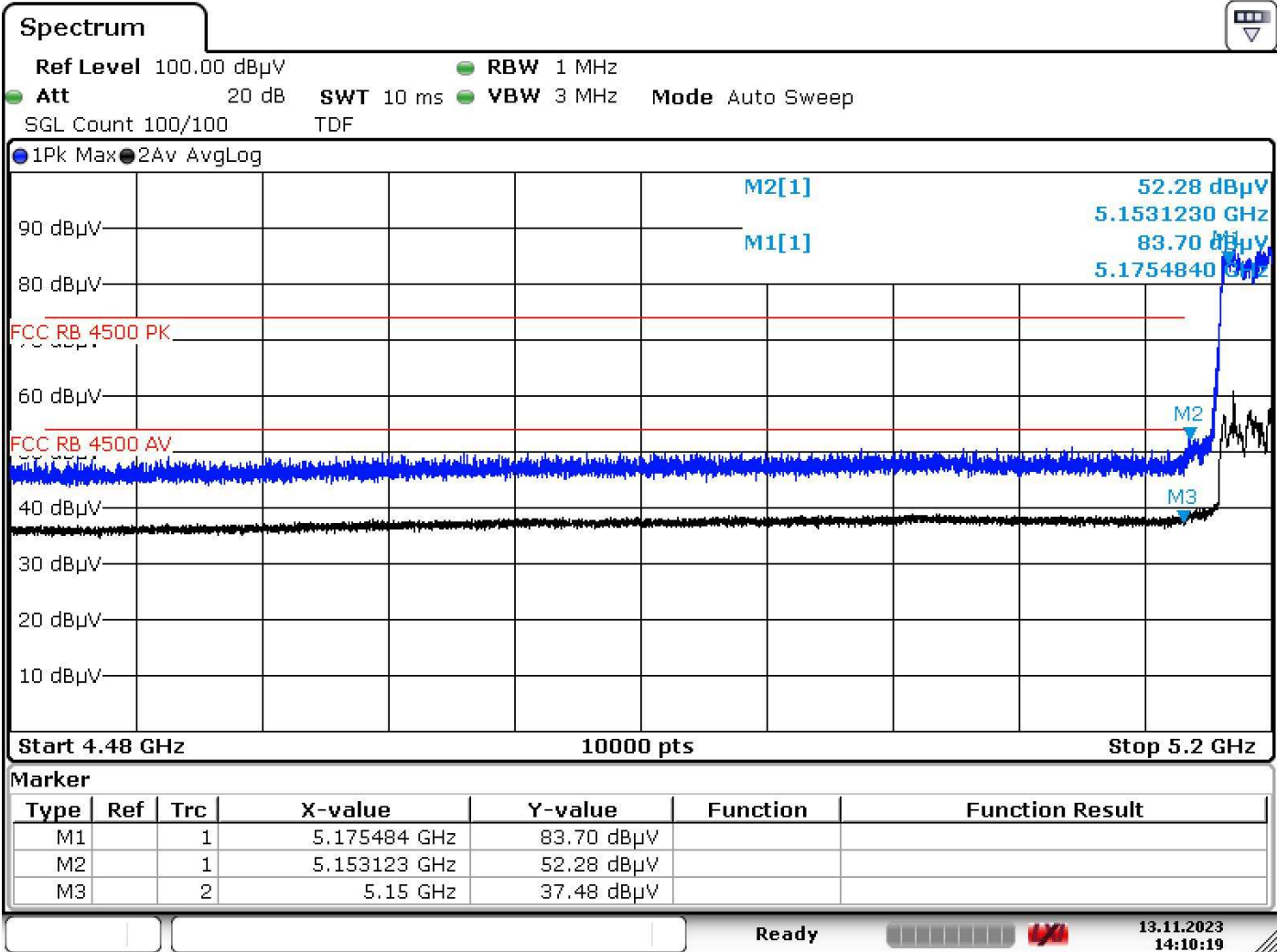
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5190MHz by 802.11ax(40MHz)	



Date: 13.NOV.2023 14:09:51

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

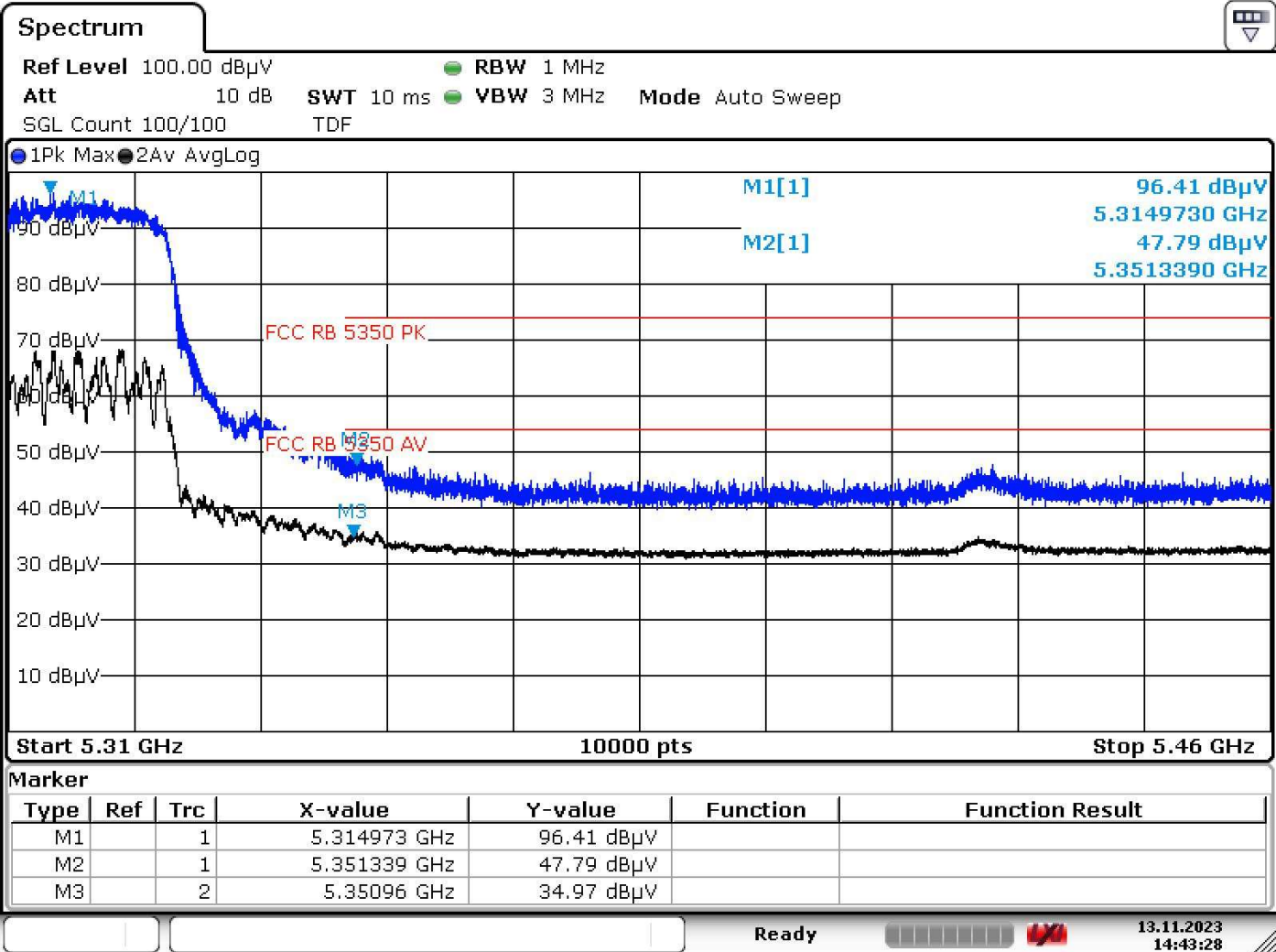
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Antenna HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5190MHz by 802.11ax(40MHz)	



Date: 13.NOV.2023 14:10:19

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

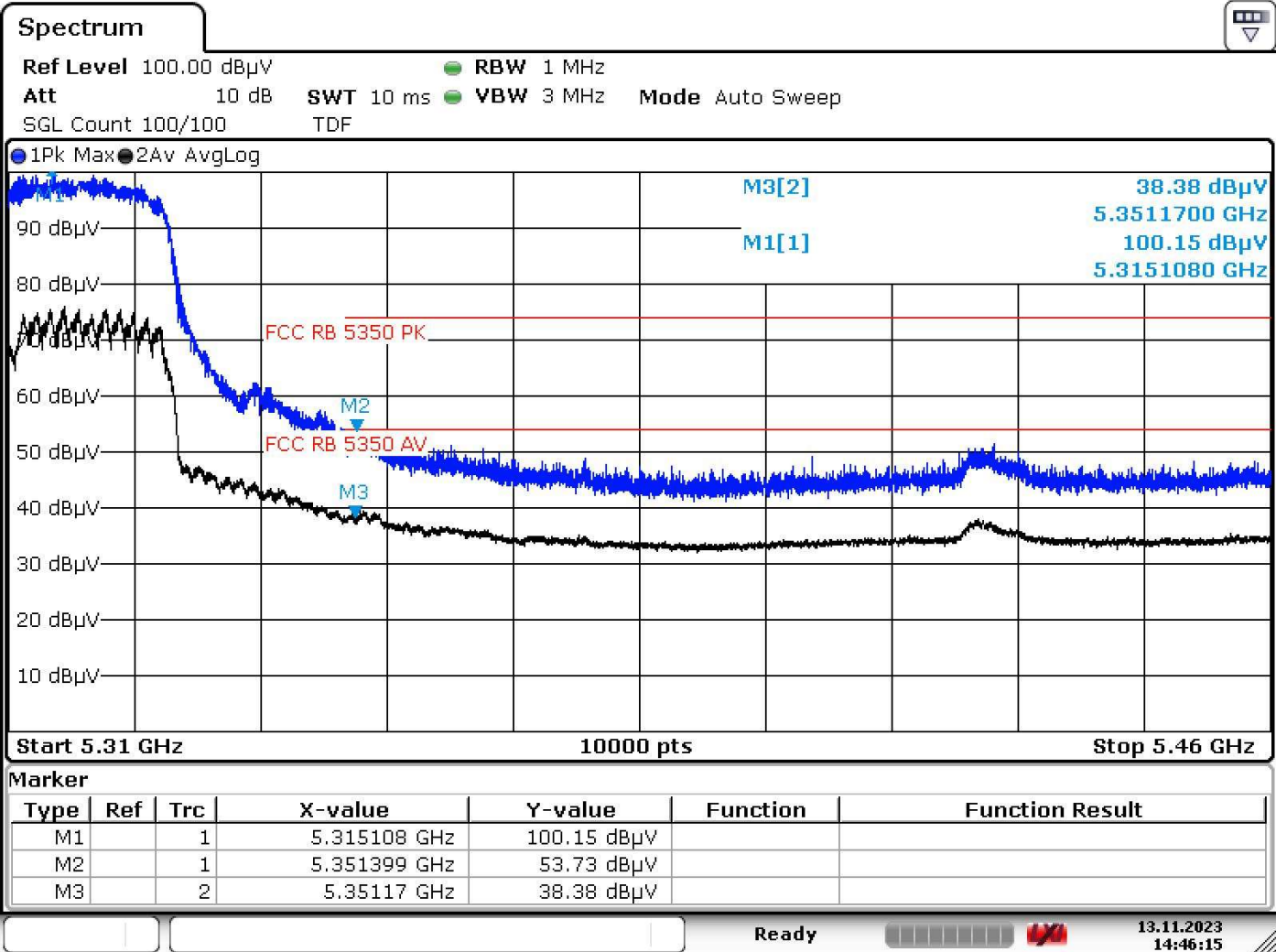
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Horizontal
EUT: EMK401	Power: By battery
Note: Mode 7: Transmit at 5310MHz by 802.11ax(40MHz)	



Date: 13.NOV.2023 14:43:29

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HF907(1-18GHz)	Polarity: Vertical
EUT: EMK401	Power: By battery
Note: Mode 7: Transmit at 5310MHz by 802.11ax(40MHz)	



Date: 13.NOV.2023 14:46:16

Remarks: Y-Value = received value + Correction Factor (Antenna factor + Cable loss - Preamp gain)

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5180MHz by 802.11a	

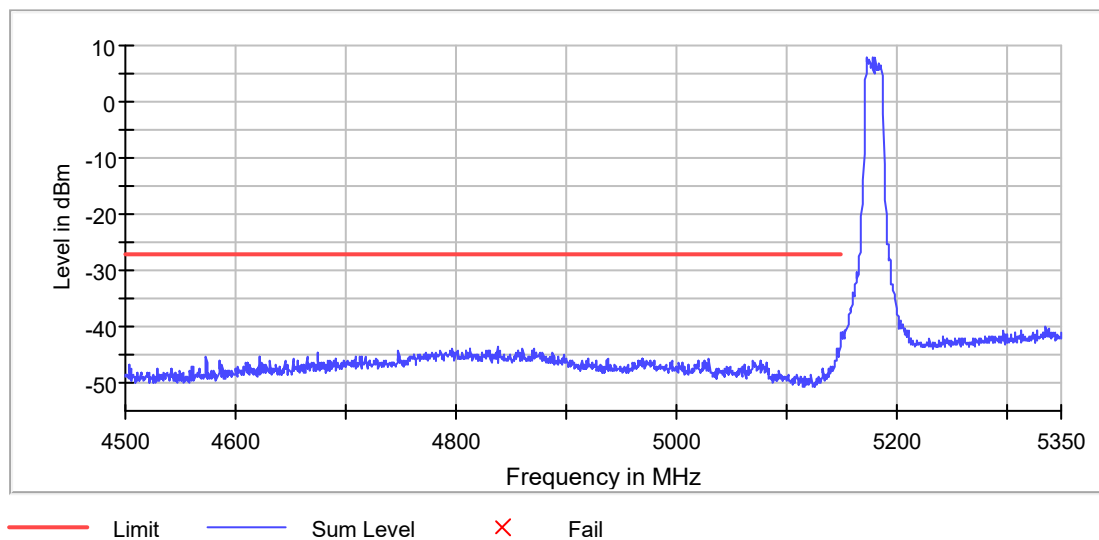
Result

DUT Frequency (MHz)	Result
5180.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5149.750000	-43.1	16.1	-27.0	PASS
4837.750000	-43.6	16.6	-27.0	PASS
5149.250000	-43.7	16.7	-27.0	PASS
5147.250000	-43.8	16.8	-27.0	PASS
4813.250000	-43.9	16.9	-27.0	PASS
4870.750000	-43.9	16.9	-27.0	PASS
5146.750000	-44.0	17.0	-27.0	PASS
4797.250000	-44.1	17.1	-27.0	PASS
4861.250000	-44.1	17.1	-27.0	PASS
4828.250000	-44.1	17.1	-27.0	PASS
4813.750000	-44.1	17.1	-27.0	PASS
4801.250000	-44.2	17.2	-27.0	PASS
5146.250000	-44.2	17.2	-27.0	PASS
4831.250000	-44.2	17.2	-27.0	PASS
4748.250000	-44.3	17.3	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5320MHz by 802.11a	

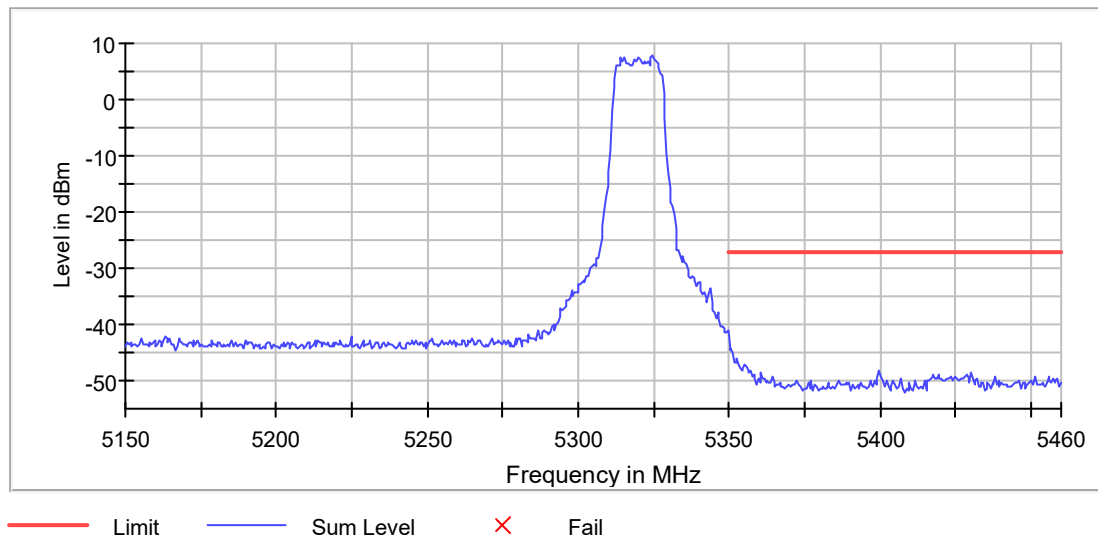
Result

DUT Frequency (MHz)	Result
5320.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5350.750000	-44.4	17.4	-27.0	PASS
5350.250000	-44.5	17.5	-27.0	PASS
5351.250000	-45.0	18.0	-27.0	PASS
5352.750000	-46.2	19.2	-27.0	PASS
5351.750000	-46.7	19.7	-27.0	PASS
5352.250000	-46.7	19.7	-27.0	PASS
5353.250000	-47.0	20.0	-27.0	PASS
5355.250000	-47.2	20.2	-27.0	PASS
5355.750000	-47.3	20.3	-27.0	PASS
5353.750000	-47.7	20.7	-27.0	PASS
5354.750000	-47.8	20.8	-27.0	PASS
5354.250000	-48.1	21.1	-27.0	PASS
5357.250000	-48.2	21.2	-27.0	PASS
5399.750000	-48.3	21.3	-27.0	PASS
5356.250000	-48.4	21.4	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5500MHz by 802.11a	

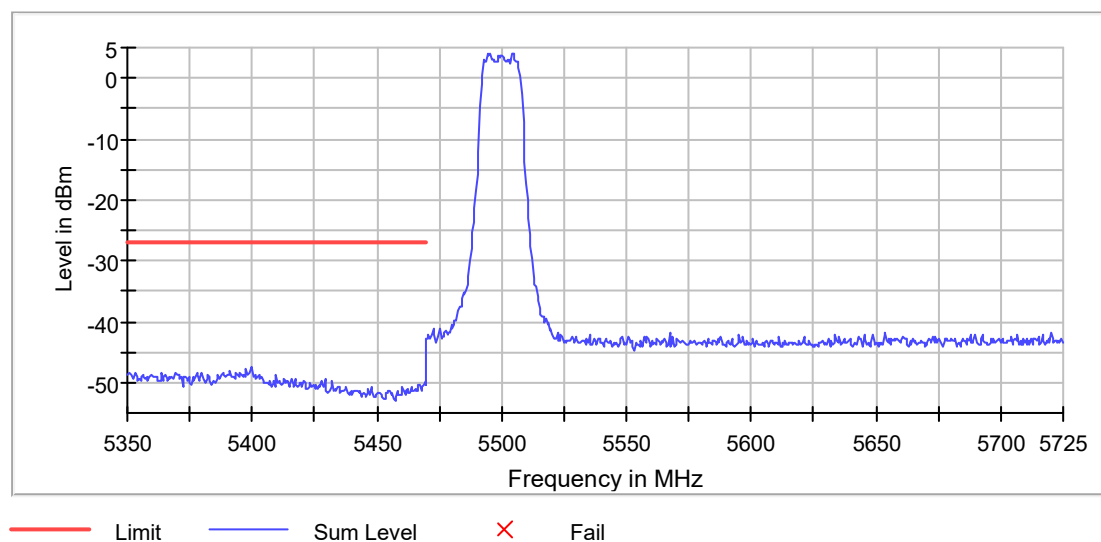
Result

DUT Frequency (MHz)	Result
5500.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5399.750000	-47.5	20.5	-27.0	PASS
5397.750000	-47.9	20.9	-27.0	PASS
5391.250000	-48.1	21.1	-27.0	PASS
5369.250000	-48.3	21.3	-27.0	PASS
5398.750000	-48.3	21.3	-27.0	PASS
5393.750000	-48.3	21.3	-27.0	PASS
5388.250000	-48.3	21.3	-27.0	PASS
5399.250000	-48.4	21.4	-27.0	PASS
5377.750000	-48.4	21.4	-27.0	PASS
5353.250000	-48.4	21.4	-27.0	PASS
5363.750000	-48.5	21.5	-27.0	PASS
5379.750000	-48.5	21.5	-27.0	PASS
5350.750000	-48.6	21.6	-27.0	PASS
5395.250000	-48.6	21.6	-27.0	PASS
5394.250000	-48.6	21.6	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5700MHz by 802.11a	

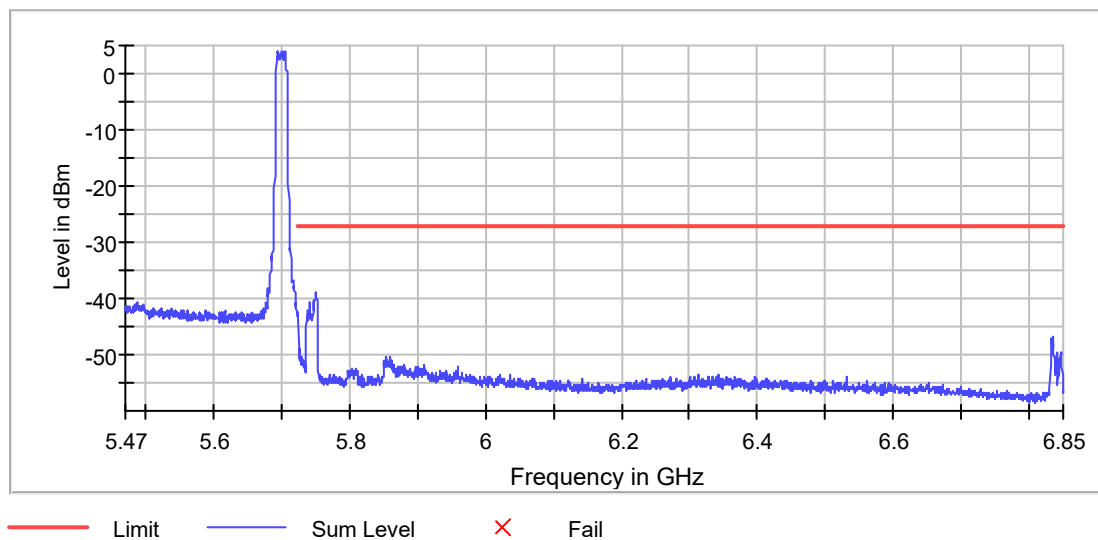
Result

DUT Frequency (MHz)	Result
5700.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5750.250000	-38.8	11.8	-27.0	PASS
5749.250000	-39.1	12.1	-27.0	PASS
5749.750000	-39.2	12.2	-27.0	PASS
5751.250000	-39.5	12.5	-27.0	PASS
5750.750000	-39.6	12.6	-27.0	PASS
5748.750000	-40.0	13.0	-27.0	PASS
5746.250000	-40.4	13.4	-27.0	PASS
5751.750000	-40.5	13.5	-27.0	PASS
5748.250000	-40.7	13.7	-27.0	PASS
5741.250000	-40.8	13.8	-27.0	PASS
5747.750000	-41.2	14.2	-27.0	PASS
5741.750000	-41.2	14.2	-27.0	PASS
5747.250000	-41.3	14.3	-27.0	PASS
5746.750000	-42.0	15.0	-27.0	PASS
5752.250000	-42.0	15.0	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5745MHz by 802.11a	

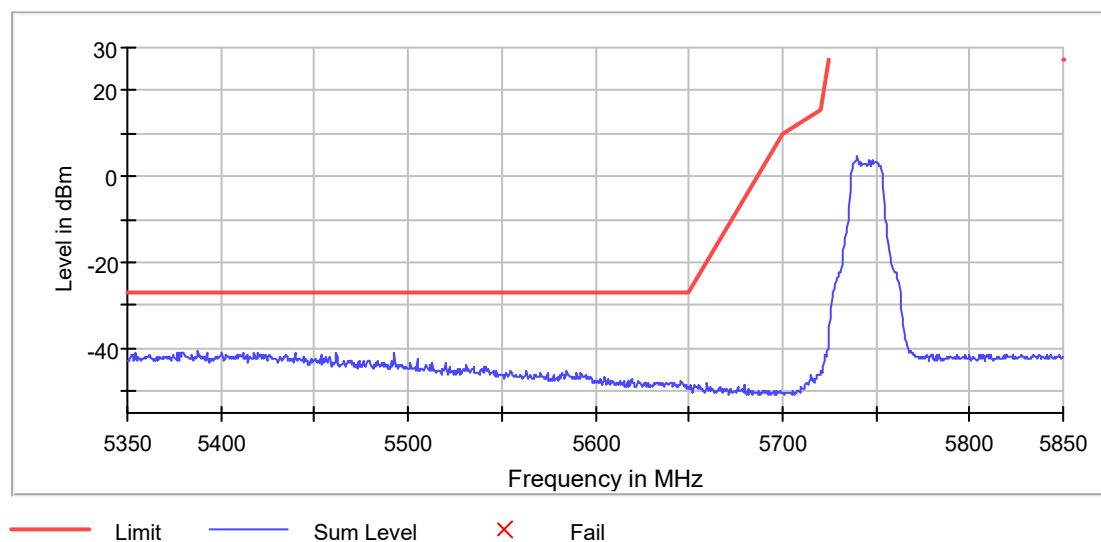
Result

DUT Frequency (MHz)	Result
5745.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5387.750000	-40.6	13.6	-27.0	PASS
5379.250000	-40.8	13.8	-27.0	PASS
5461.750000	-40.9	13.9	-27.0	PASS
5378.250000	-40.9	13.9	-27.0	PASS
5392.750000	-41.0	14.0	-27.0	PASS
5492.750000	-41.0	14.0	-27.0	PASS
5400.750000	-41.1	14.1	-27.0	PASS
5411.750000	-41.1	14.1	-27.0	PASS
5417.750000	-41.1	14.1	-27.0	PASS
5419.750000	-41.1	14.1	-27.0	PASS
5354.750000	-41.2	14.2	-27.0	PASS
5380.250000	-41.2	14.2	-27.0	PASS
5376.750000	-41.2	14.2	-27.0	PASS
5439.750000	-41.2	14.2	-27.0	PASS
5379.750000	-41.2	14.2	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 1 : Transmit at 5825MHz by 802.11a	

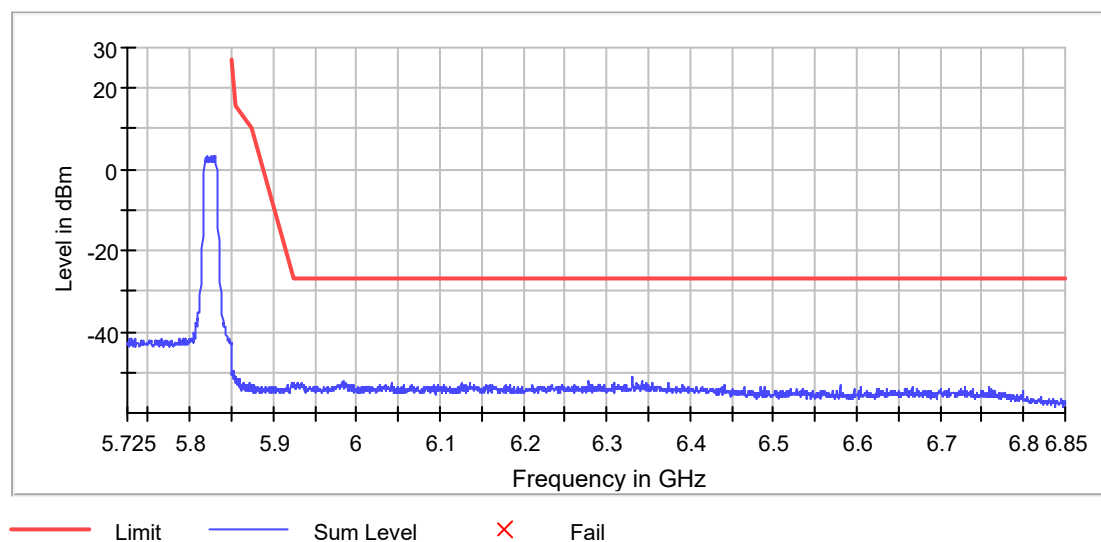
Result

DUT Frequency (MHz)	Result
5825.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6330.750000	-51.3	24.3	-27.0	PASS
6331.250000	-51.5	24.5	-27.0	PASS
5983.750000	-52.1	25.1	-27.0	PASS
6341.750000	-52.3	25.3	-27.0	PASS
6278.750000	-52.3	25.3	-27.0	PASS
5933.250000	-52.4	25.4	-27.0	PASS
6336.750000	-52.4	25.4	-27.0	PASS
5983.250000	-52.4	25.4	-27.0	PASS
5984.250000	-52.5	25.5	-27.0	PASS
6125.250000	-52.6	25.6	-27.0	PASS
6355.250000	-52.6	25.6	-27.0	PASS
6373.750000	-52.7	25.7	-27.0	PASS
6348.250000	-52.7	25.7	-27.0	PASS
6042.250000	-52.7	25.7	-27.0	PASS
5987.750000	-52.8	25.8	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5180MHz by 802.11n(20MHz)	

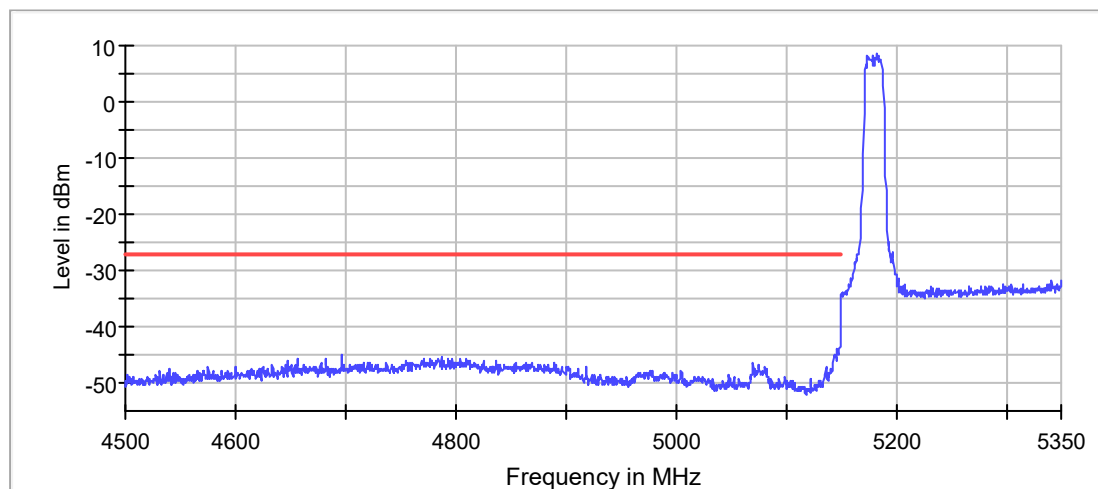
Result

DUT Frequency (MHz)	Result
5180.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5149.250000	-43.5	16.5	-27.0	PASS
5149.750000	-43.7	16.7	-27.0	PASS
5148.750000	-43.8	16.8	-27.0	PASS
5146.750000	-43.9	16.9	-27.0	PASS
5148.250000	-44.7	17.7	-27.0	PASS
5143.750000	-44.9	17.9	-27.0	PASS
5147.750000	-44.9	17.9	-27.0	PASS
5147.250000	-45.0	18.0	-27.0	PASS
4696.250000	-45.0	18.0	-27.0	PASS
5144.750000	-45.0	18.0	-27.0	PASS
5144.250000	-45.4	18.4	-27.0	PASS
4786.750000	-45.5	18.5	-27.0	PASS
5146.250000	-45.5	18.5	-27.0	PASS
4784.250000	-45.6	18.6	-27.0	PASS
4804.750000	-45.6	18.6	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5320MHz by 802.11n(20MHz)	

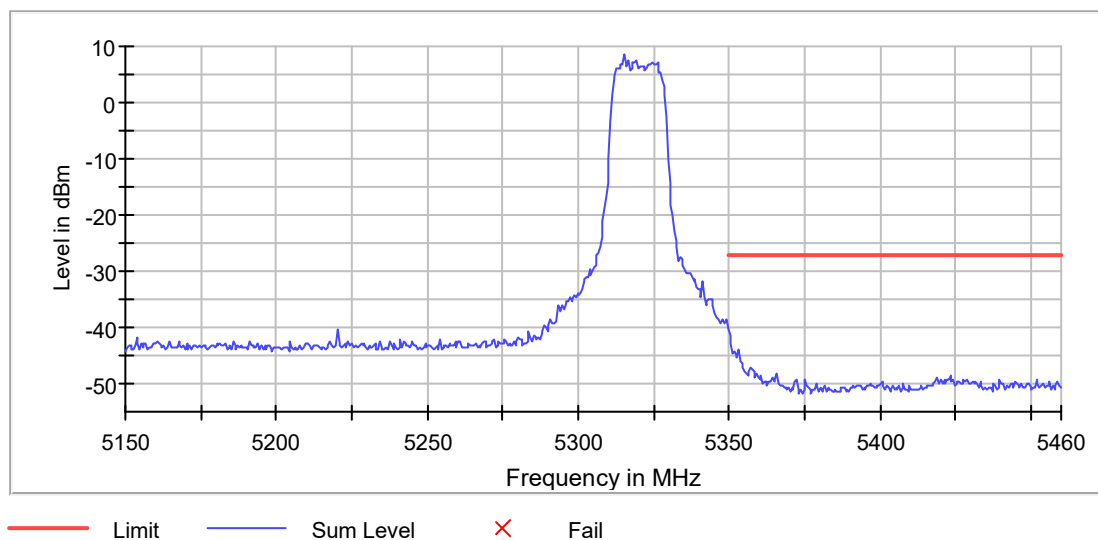
Result

DUT Frequency (MHz)	Result
5320.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5350.250000	-41.3	14.3	-27.0	PASS
5350.750000	-42.9	15.9	-27.0	PASS
5353.250000	-44.1	17.1	-27.0	PASS
5351.750000	-44.3	17.3	-27.0	PASS
5351.250000	-44.5	17.5	-27.0	PASS
5352.250000	-44.9	17.9	-27.0	PASS
5352.750000	-45.4	18.4	-27.0	PASS
5353.750000	-46.0	19.0	-27.0	PASS
5354.250000	-46.4	19.4	-27.0	PASS
5354.750000	-47.0	20.0	-27.0	PASS
5357.250000	-47.2	20.2	-27.0	PASS
5357.750000	-47.6	20.6	-27.0	PASS
5355.250000	-47.7	20.7	-27.0	PASS
5356.750000	-47.8	20.8	-27.0	PASS
5358.250000	-47.8	20.8	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5500MHz by 802.11n(20MHz)	

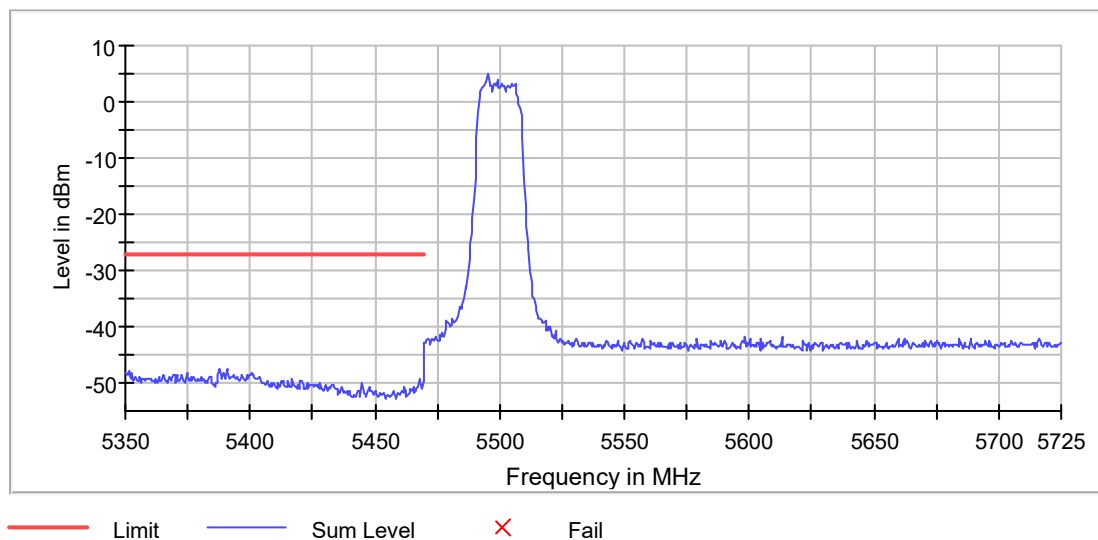
Result

DUT Frequency (MHz)	Result
5500.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5387.750000	-47.4	20.4	-27.0	PASS
5390.750000	-47.5	20.5	-27.0	PASS
5351.250000	-47.9	20.9	-27.0	PASS
5352.750000	-48.1	21.1	-27.0	PASS
5389.250000	-48.2	21.2	-27.0	PASS
5391.250000	-48.2	21.2	-27.0	PASS
5400.750000	-48.3	21.3	-27.0	PASS
5374.750000	-48.3	21.3	-27.0	PASS
5350.250000	-48.3	21.3	-27.0	PASS
5350.000000	-48.3	21.3	-27.0	PASS
5351.750000	-48.4	21.4	-27.0	PASS
5401.250000	-48.4	21.4	-27.0	PASS
5369.250000	-48.5	21.5	-27.0	PASS
5369.750000	-48.5	21.5	-27.0	PASS
5350.750000	-48.5	21.5	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5700MHz by 802.11n(20MHz)	

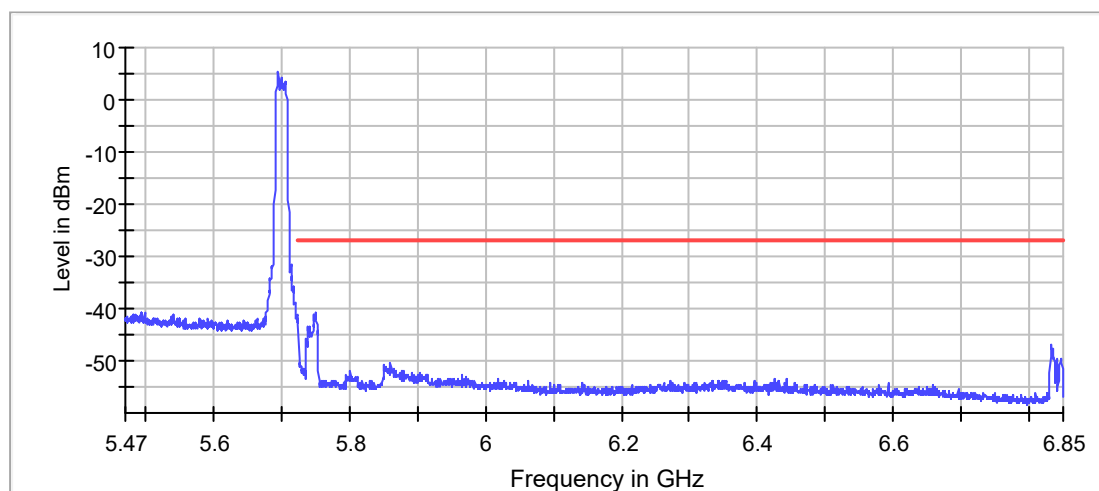
Result

DUT Frequency (MHz)	Result
5700.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5749.750000	-40.9	13.9	-27.0	PASS
5747.750000	-41.3	14.3	-27.0	PASS
5749.250000	-41.4	14.4	-27.0	PASS
5747.250000	-41.9	14.9	-27.0	PASS
5750.750000	-42.0	15.0	-27.0	PASS
5748.750000	-42.0	15.0	-27.0	PASS
5750.250000	-42.1	15.1	-27.0	PASS
5748.250000	-42.2	15.2	-27.0	PASS
5751.250000	-42.5	15.5	-27.0	PASS
5746.250000	-42.9	15.9	-27.0	PASS
5751.750000	-43.2	16.2	-27.0	PASS
5741.750000	-43.4	16.4	-27.0	PASS
5746.750000	-43.5	16.5	-27.0	PASS
5739.250000	-43.6	16.6	-27.0	PASS
5745.750000	-44.1	17.1	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5745MHz by 802.11n(20MHz)	

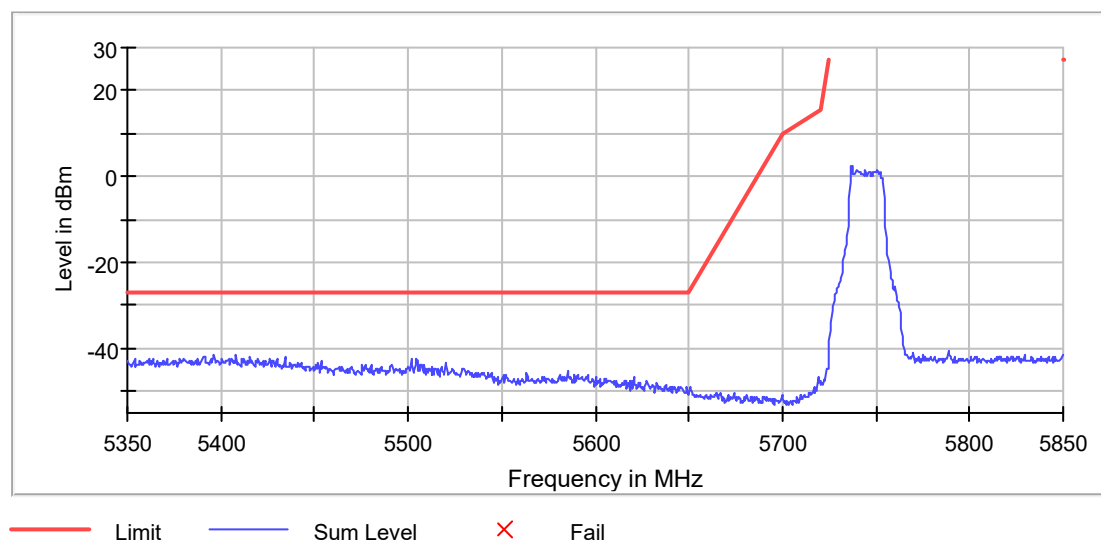
Result

DUT Frequency (MHz)	Result
5745.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5408.250000	-41.3	14.3	-27.0	PASS
5396.250000	-41.6	14.6	-27.0	PASS
5391.250000	-41.8	14.8	-27.0	PASS
5390.750000	-41.9	14.9	-27.0	PASS
5434.250000	-41.9	14.9	-27.0	PASS
5390.250000	-41.9	14.9	-27.0	PASS
5415.750000	-41.9	14.9	-27.0	PASS
5395.750000	-42.2	15.2	-27.0	PASS
5400.750000	-42.2	15.2	-27.0	PASS
5404.250000	-42.2	15.2	-27.0	PASS
5430.250000	-42.3	15.3	-27.0	PASS
5394.750000	-42.3	15.3	-27.0	PASS
5371.250000	-42.3	15.3	-27.0	PASS
5405.250000	-42.4	15.4	-27.0	PASS
5411.250000	-42.4	15.4	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 2 : Transmit at 5825MHz by 802.11n(20MHz)	

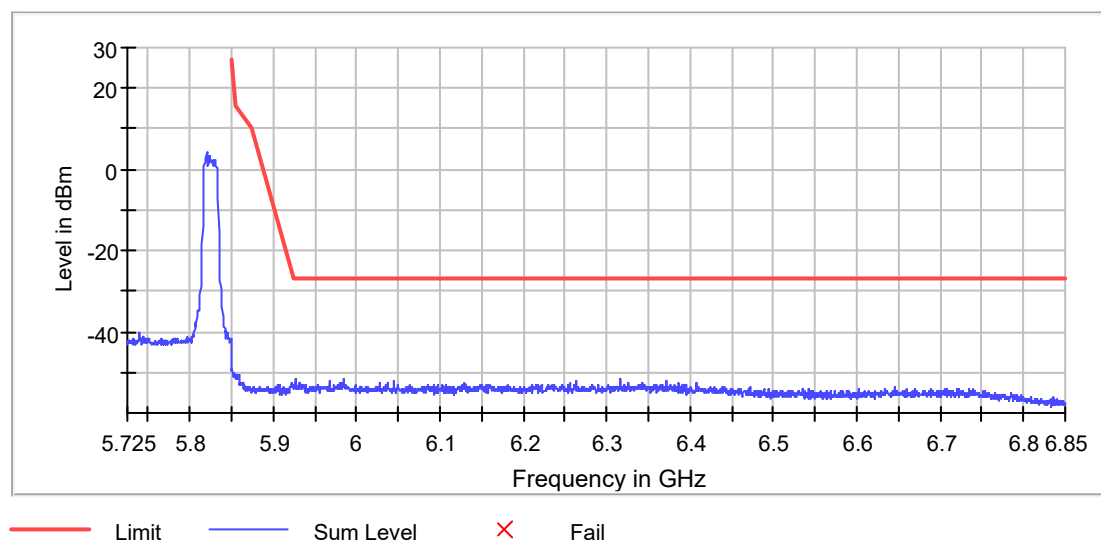
Result

DUT Frequency (MHz)	Result
5825.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6315.750000	-51.5	24.5	-27.0	PASS
5927.250000	-51.7	24.7	-27.0	PASS
5984.750000	-51.7	24.7	-27.0	PASS
6044.250000	-52.0	25.0	-27.0	PASS
5967.250000	-52.1	25.1	-27.0	PASS
6372.250000	-52.1	25.1	-27.0	PASS
6263.250000	-52.3	25.3	-27.0	PASS
5931.750000	-52.3	25.3	-27.0	PASS
5980.750000	-52.4	25.4	-27.0	PASS
6387.250000	-52.5	25.5	-27.0	PASS
6326.250000	-52.5	25.5	-27.0	PASS
6255.250000	-52.6	25.6	-27.0	PASS
6037.750000	-52.6	25.6	-27.0	PASS
6028.250000	-52.6	25.6	-27.0	PASS
6129.750000	-52.6	25.6	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 3 : Transmit at 5190MHz by 802.11n(40MHz)	

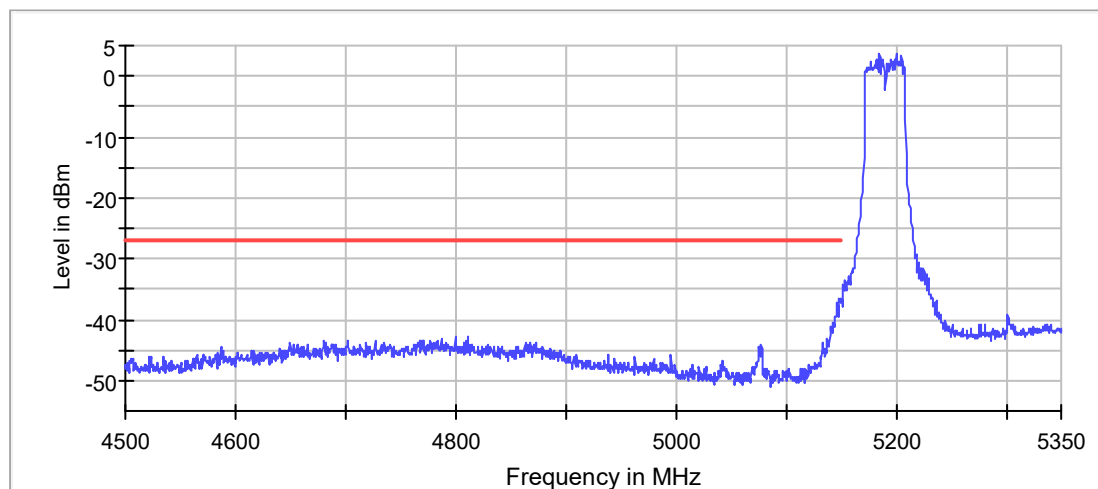
Result

DUT Frequency (MHz)	Result
5190.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5148.750000	-36.4	9.4	-27.0	PASS
5148.250000	-36.6	9.6	-27.0	PASS
5149.250000	-36.9	9.9	-27.0	PASS
5149.750000	-37.1	10.1	-27.0	PASS
5146.750000	-37.1	10.1	-27.0	PASS
5147.250000	-37.8	10.8	-27.0	PASS
5146.250000	-38.7	11.7	-27.0	PASS
5145.750000	-39.2	12.2	-27.0	PASS
5147.750000	-39.3	12.3	-27.0	PASS
5144.750000	-39.6	12.6	-27.0	PASS
5145.250000	-39.6	12.6	-27.0	PASS
5143.250000	-40.6	13.6	-27.0	PASS
5143.750000	-40.9	13.9	-27.0	PASS
5142.250000	-41.0	14.0	-27.0	PASS
5144.250000	-41.0	14.0	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 3 : Transmit at 5310MHz by 802.11n(40MHz)	

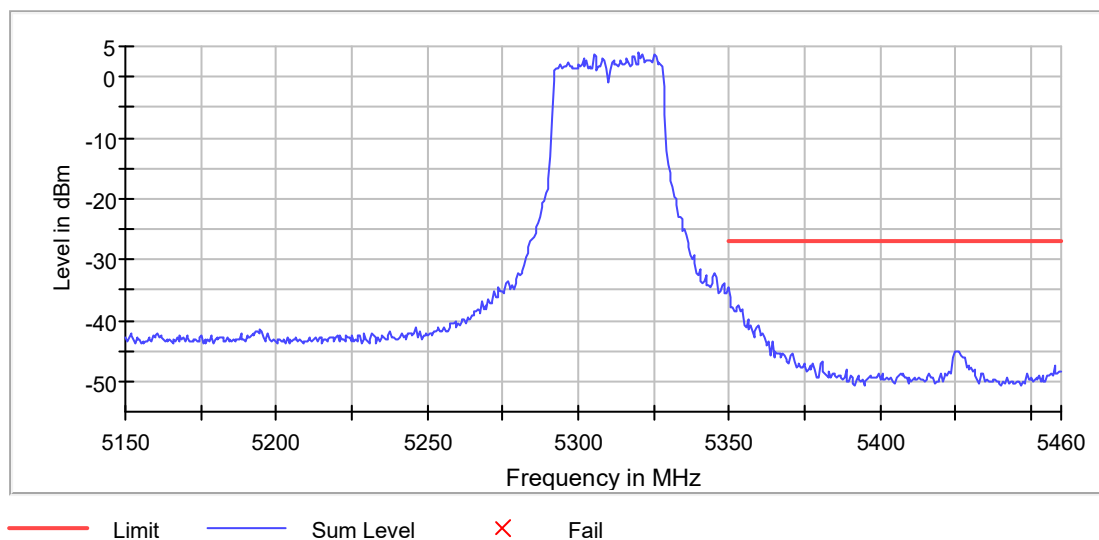
Result

DUT Frequency (MHz)	Result
5310.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5350.250000	-36.3	9.3	-27.0	PASS
5353.250000	-37.5	10.5	-27.0	PASS
5352.750000	-37.7	10.7	-27.0	PASS
5350.750000	-37.8	10.8	-27.0	PASS
5351.250000	-37.9	10.9	-27.0	PASS
5354.250000	-38.1	11.1	-27.0	PASS
5353.750000	-38.4	11.4	-27.0	PASS
5352.250000	-38.4	11.4	-27.0	PASS
5351.750000	-38.4	11.4	-27.0	PASS
5354.750000	-38.6	11.6	-27.0	PASS
5356.250000	-40.0	13.0	-27.0	PASS
5359.750000	-40.7	13.7	-27.0	PASS
5357.250000	-40.8	13.8	-27.0	PASS
5355.250000	-40.8	13.8	-27.0	PASS
5359.250000	-41.2	14.2	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 3 : Transmit at 5510MHz by 802.11n(40MHz)	

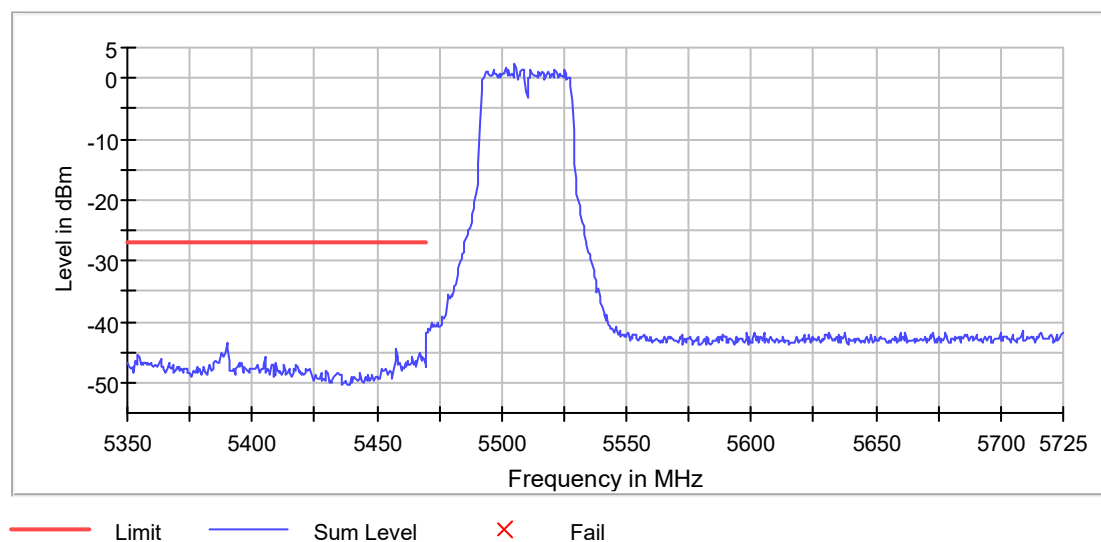
Result

DUT Frequency (MHz)	Result
5510.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5389.750000	-43.3	16.3	-27.0	PASS
5390.250000	-44.3	17.3	-27.0	PASS
5457.750000	-44.5	17.5	-27.0	PASS
5387.750000	-45.0	18.0	-27.0	PASS
5389.250000	-45.0	18.0	-27.0	PASS
5467.250000	-45.2	18.2	-27.0	PASS
5354.250000	-45.3	18.3	-27.0	PASS
5388.250000	-45.6	18.6	-27.0	PASS
5468.250000	-45.7	18.7	-27.0	PASS
5458.250000	-45.7	18.7	-27.0	PASS
5464.250000	-45.7	18.7	-27.0	PASS
5388.750000	-45.8	18.8	-27.0	PASS
5354.750000	-45.8	18.8	-27.0	PASS
5405.250000	-45.9	18.9	-27.0	PASS
5466.250000	-46.1	19.1	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 3 : Transmit at 5670MHz by 802.11n(40MHz)	

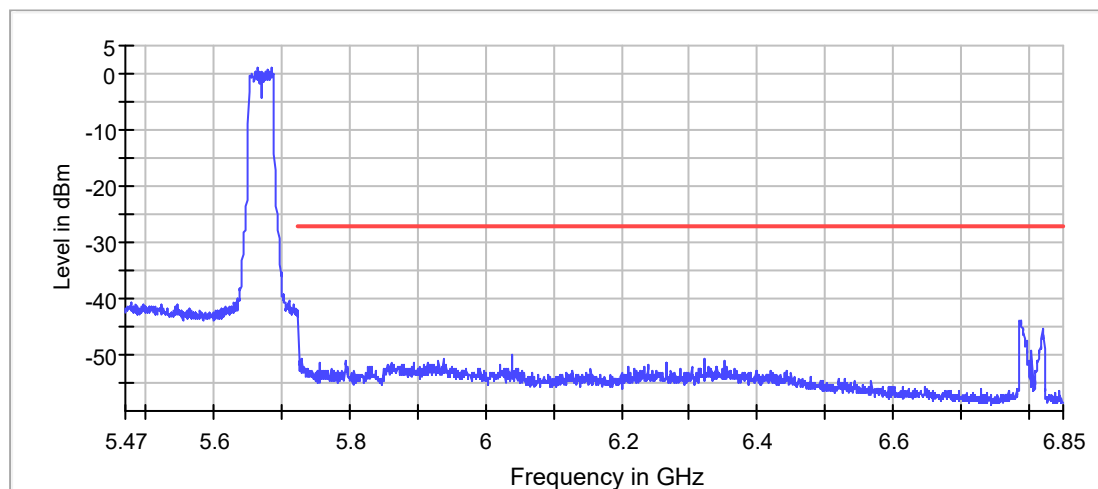
Result

DUT Frequency (MHz)	Result
5670.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6788.250000	-43.9	16.9	-27.0	PASS
6786.250000	-44.0	17.0	-27.0	PASS
6787.750000	-44.3	17.3	-27.0	PASS
6786.750000	-44.4	17.4	-27.0	PASS
6787.250000	-44.5	17.5	-27.0	PASS
6788.750000	-44.5	17.5	-27.0	PASS
6789.250000	-45.0	18.0	-27.0	PASS
6790.750000	-45.3	18.3	-27.0	PASS
6819.250000	-45.3	18.3	-27.0	PASS
6789.750000	-45.5	18.5	-27.0	PASS
6785.750000	-45.5	18.5	-27.0	PASS
6790.250000	-45.6	18.6	-27.0	PASS
6791.250000	-45.7	18.7	-27.0	PASS
6792.250000	-46.2	19.2	-27.0	PASS
6821.750000	-46.4	19.4	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 3 : Transmit at 5755MHz by 802.11n(40MHz)	

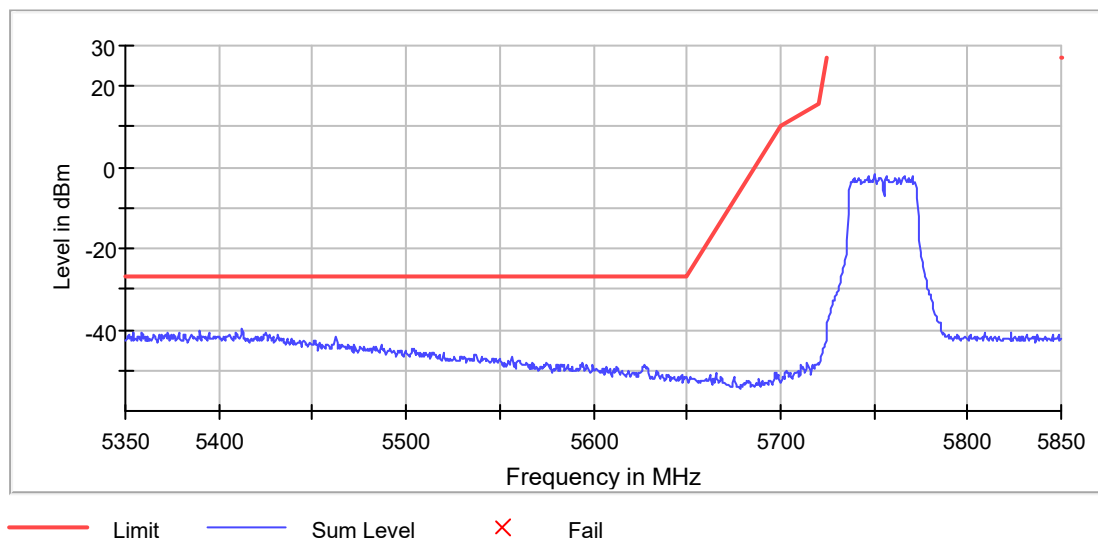
Result

DUT Frequency (MHz)	Result
5755.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5412.250000	-39.8	12.8	-27.0	PASS
5389.750000	-40.3	13.3	-27.0	PASS
5412.750000	-40.5	13.5	-27.0	PASS
5394.750000	-40.6	13.6	-27.0	PASS
5372.750000	-40.7	13.7	-27.0	PASS
5425.250000	-40.7	13.7	-27.0	PASS
5358.750000	-40.8	13.8	-27.0	PASS
5354.250000	-40.8	13.8	-27.0	PASS
5409.250000	-40.9	13.9	-27.0	PASS
5378.750000	-40.9	13.9	-27.0	PASS
5374.250000	-41.0	14.0	-27.0	PASS
5381.750000	-41.0	14.0	-27.0	PASS
5431.750000	-41.0	14.0	-27.0	PASS
5385.750000	-41.0	14.0	-27.0	PASS
5405.250000	-41.1	14.1	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 3 : Transmit at 5795MHz by 802.11n(40MHz)	

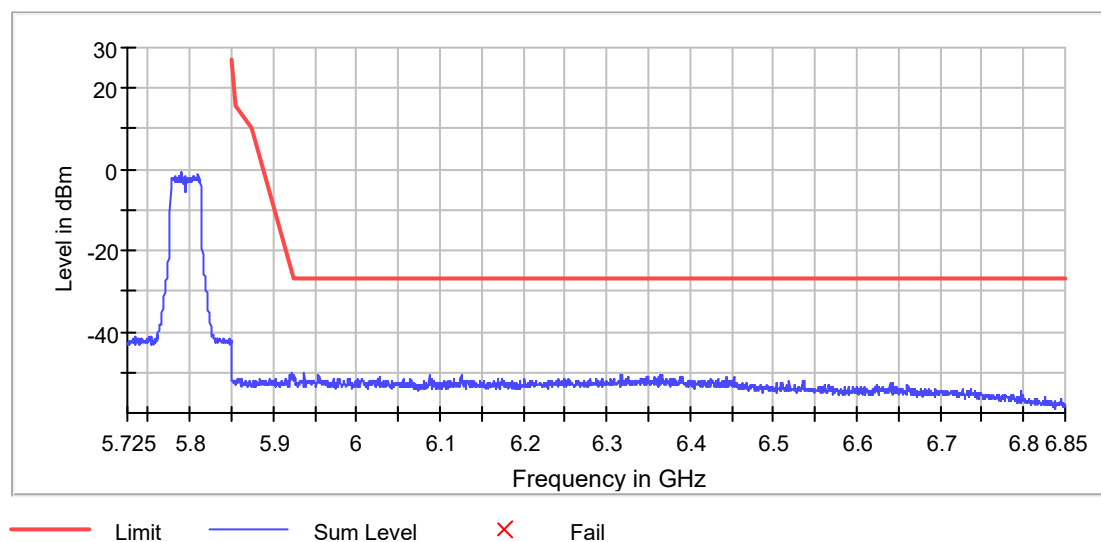
Result

DUT Frequency (MHz)	Result
5795.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5937.250000	-50.2	23.2	-27.0	PASS
6125.250000	-50.5	23.5	-27.0	PASS
6317.750000	-50.5	23.5	-27.0	PASS
6087.250000	-50.6	23.6	-27.0	PASS
6317.250000	-50.7	23.7	-27.0	PASS
6363.750000	-50.7	23.7	-27.0	PASS
5954.250000	-50.7	23.7	-27.0	PASS
6365.750000	-50.8	23.8	-27.0	PASS
5925.250000	-50.8	23.8	-27.0	PASS
6326.250000	-50.9	23.9	-27.0	PASS
6387.750000	-50.9	23.9	-27.0	PASS
6028.250000	-50.9	23.9	-27.0	PASS
5954.750000	-51.0	24.0	-27.0	PASS
6363.250000	-51.0	24.0	-27.0	PASS
6389.250000	-51.0	24.0	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 4 : Transmit at 5180MHz by 802.11ac(20MHz)	

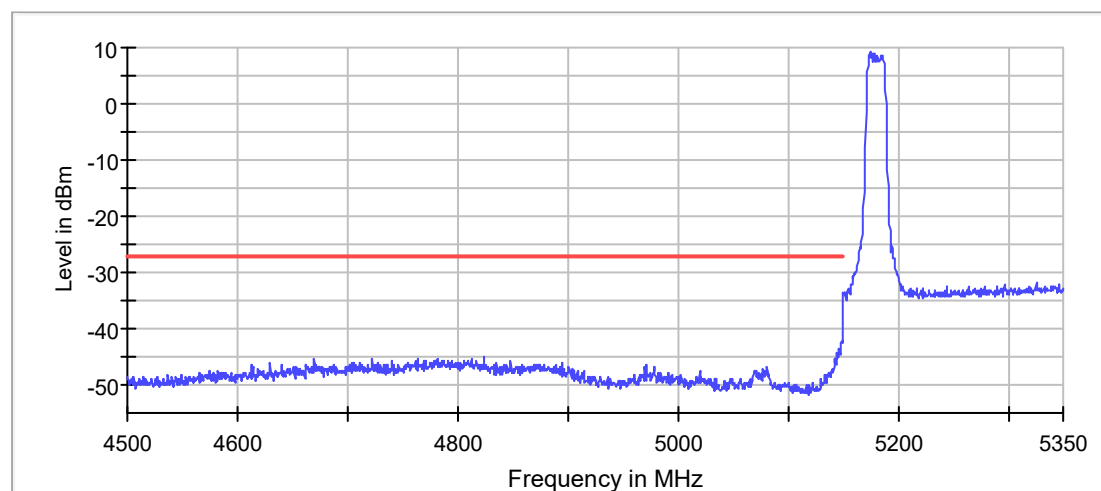
Result

DUT Frequency (MHz)	Result
5180.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5149.250000	-42.1	15.1	-27.0	PASS
5149.750000	-42.4	15.4	-27.0	PASS
5148.750000	-42.6	15.6	-27.0	PASS
5148.250000	-43.0	16.0	-27.0	PASS
5146.250000	-43.4	16.4	-27.0	PASS
5146.750000	-43.9	16.9	-27.0	PASS
5147.750000	-44.0	17.0	-27.0	PASS
5144.250000	-44.2	17.2	-27.0	PASS
5145.750000	-44.4	17.4	-27.0	PASS
5147.250000	-44.7	17.7	-27.0	PASS
4823.750000	-45.0	18.0	-27.0	PASS
5145.250000	-45.2	18.2	-27.0	PASS
4764.250000	-45.2	18.2	-27.0	PASS
4812.250000	-45.2	18.2	-27.0	PASS
5144.750000	-45.3	18.3	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 4 : Transmit at 5320MHz by 802.11ac(20MHz)	

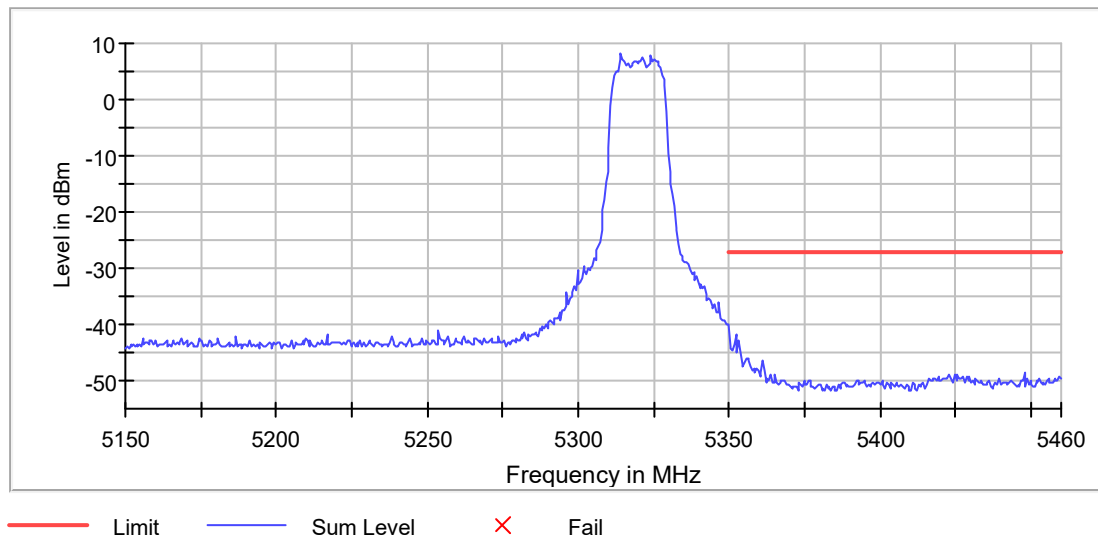
Result

DUT Frequency (MHz)	Result
5320.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5352.250000	-41.9	14.9	-27.0	PASS
5353.250000	-43.0	16.0	-27.0	PASS
5351.750000	-43.6	16.6	-27.0	PASS
5350.250000	-44.1	17.1	-27.0	PASS
5350.750000	-44.1	17.1	-27.0	PASS
5351.250000	-44.6	17.6	-27.0	PASS
5353.750000	-45.0	18.0	-27.0	PASS
5352.750000	-45.0	18.0	-27.0	PASS
5356.250000	-46.0	19.0	-27.0	PASS
5355.750000	-46.0	19.0	-27.0	PASS
5356.750000	-46.4	19.4	-27.0	PASS
5361.250000	-46.4	19.4	-27.0	PASS
5355.250000	-46.7	19.7	-27.0	PASS
5354.250000	-47.2	20.2	-27.0	PASS
5357.250000	-47.6	20.6	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 4 : Transmit at 5500MHz by 802.11ac(20MHz)	

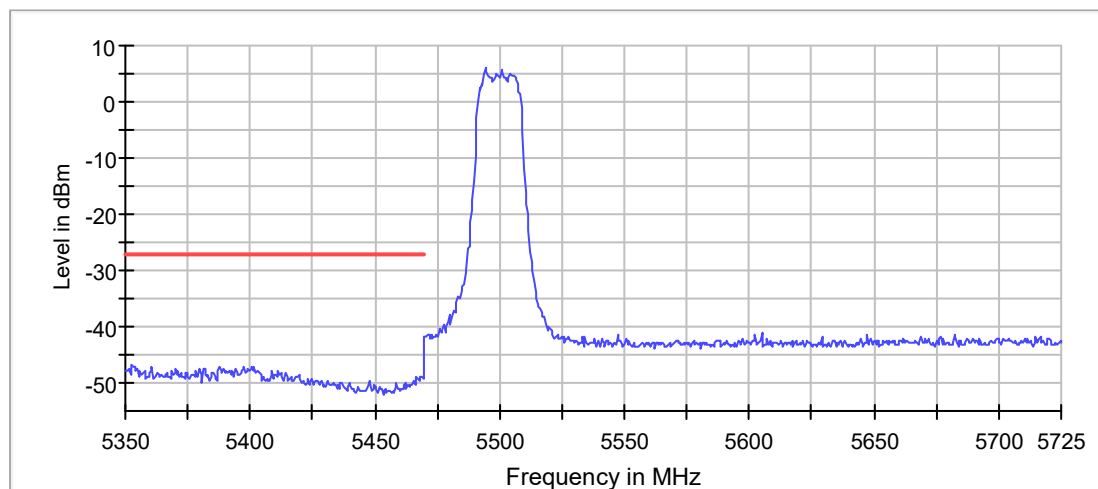
Result

DUT Frequency (MHz)	Result
5500.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5352.750000	-46.8	19.8	-27.0	PASS
5401.750000	-47.1	20.1	-27.0	PASS
5397.750000	-47.1	20.1	-27.0	PASS
5400.750000	-47.2	20.2	-27.0	PASS
5353.250000	-47.2	20.2	-27.0	PASS
5360.750000	-47.2	20.2	-27.0	PASS
5387.750000	-47.2	20.2	-27.0	PASS
5353.750000	-47.2	20.2	-27.0	PASS
5389.250000	-47.3	20.3	-27.0	PASS
5399.250000	-47.4	20.4	-27.0	PASS
5351.250000	-47.4	20.4	-27.0	PASS
5394.250000	-47.5	20.5	-27.0	PASS
5381.750000	-47.5	20.5	-27.0	PASS
5354.750000	-47.5	20.5	-27.0	PASS
5397.250000	-47.5	20.5	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 4 : Transmit at 5700MHz by 802.11ac(20MHz)	

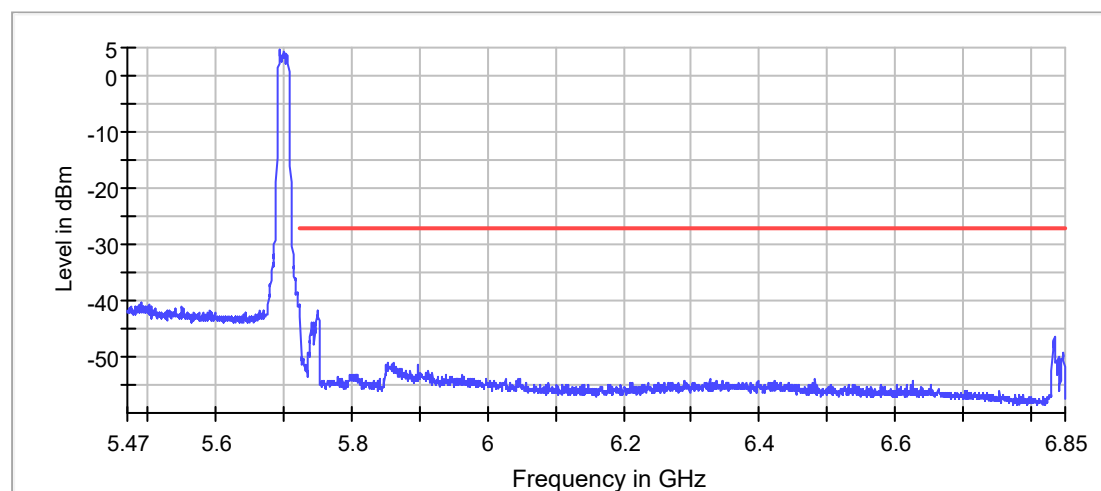
Result

DUT Frequency (MHz)	Result
5700.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5750.750000	-41.8	14.8	-27.0	PASS
5750.250000	-42.4	15.4	-27.0	PASS
5748.750000	-42.6	15.6	-27.0	PASS
5751.250000	-42.8	15.8	-27.0	PASS
5749.250000	-43.0	16.0	-27.0	PASS
5749.750000	-43.1	16.1	-27.0	PASS
5751.750000	-43.4	16.4	-27.0	PASS
5741.250000	-43.8	16.8	-27.0	PASS
5747.250000	-43.8	16.8	-27.0	PASS
5746.750000	-43.9	16.9	-27.0	PASS
5748.250000	-43.9	16.9	-27.0	PASS
5744.250000	-43.9	16.9	-27.0	PASS
5740.750000	-44.0	17.0	-27.0	PASS
5747.750000	-44.2	17.2	-27.0	PASS
5743.750000	-44.4	17.4	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 4 : Transmit at 5745MHz by 802.11ac(20MHz)	

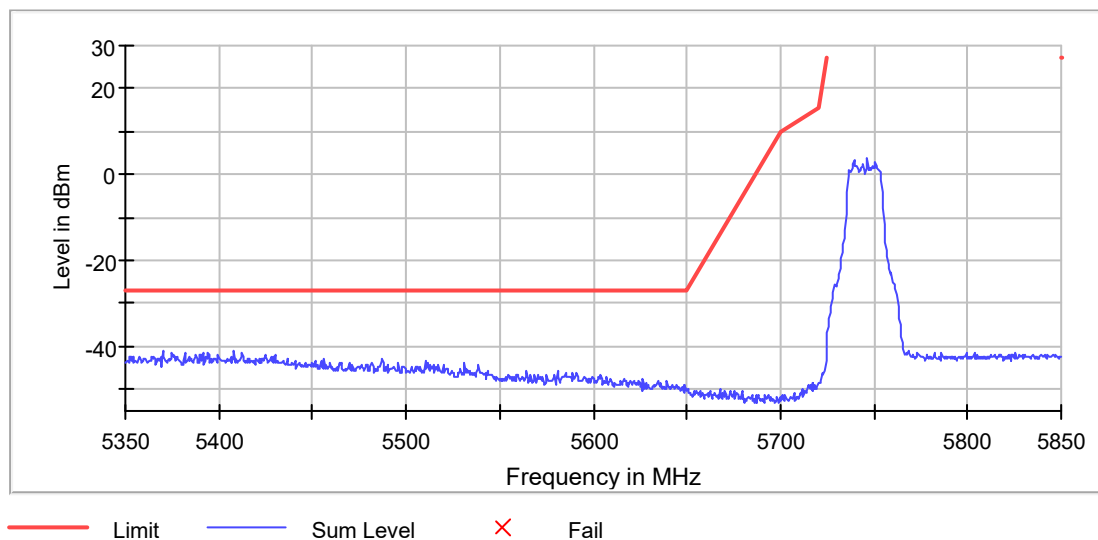
Result

DUT Frequency (MHz)	Result
5745.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5370.250000	-41.1	14.1	-27.0	PASS
5408.250000	-41.2	14.2	-27.0	PASS
5374.750000	-41.3	14.3	-27.0	PASS
5381.750000	-41.4	14.4	-27.0	PASS
5391.250000	-41.4	14.4	-27.0	PASS
5394.250000	-41.6	14.6	-27.0	PASS
5412.250000	-41.7	14.7	-27.0	PASS
5394.750000	-41.7	14.7	-27.0	PASS
5375.750000	-41.9	14.9	-27.0	PASS
5430.250000	-42.0	15.0	-27.0	PASS
5399.750000	-42.0	15.0	-27.0	PASS
5387.750000	-42.0	15.0	-27.0	PASS
5389.750000	-42.1	15.1	-27.0	PASS
5424.750000	-42.1	15.1	-27.0	PASS
5390.250000	-42.1	15.1	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 4 : Transmit at 5825MHz by 802.11ac(20MHz)	

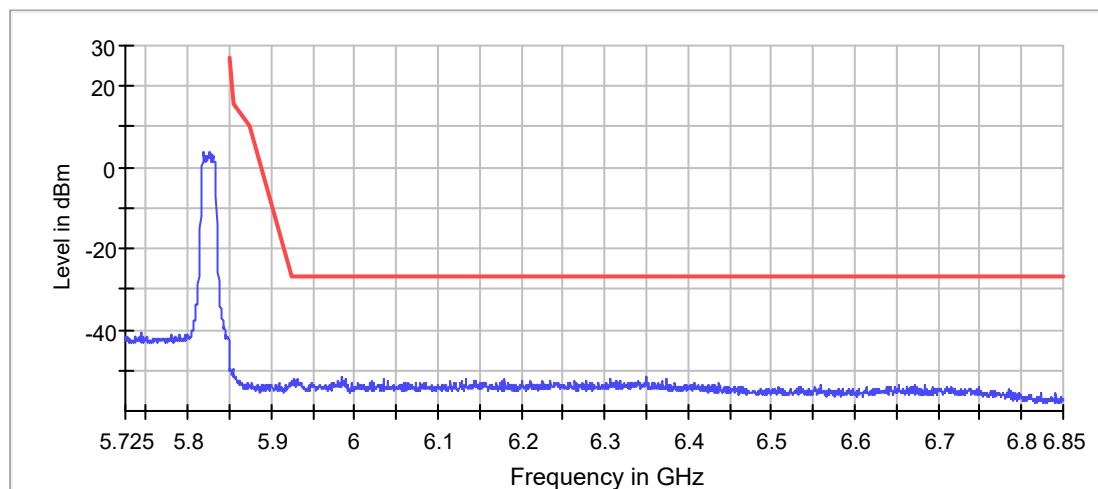
Result

DUT Frequency (MHz)	Result
5825.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5984.750000	-51.5	24.5	-27.0	PASS
6350.250000	-51.8	24.8	-27.0	PASS
5927.750000	-51.9	24.9	-27.0	PASS
5930.750000	-52.0	25.0	-27.0	PASS
5988.750000	-52.1	25.1	-27.0	PASS
6373.750000	-52.1	25.1	-27.0	PASS
6307.250000	-52.3	25.3	-27.0	PASS
6134.250000	-52.3	25.3	-27.0	PASS
6034.750000	-52.3	25.3	-27.0	PASS
6180.250000	-52.3	25.3	-27.0	PASS
5925.250000	-52.4	25.4	-27.0	PASS
6313.750000	-52.4	25.4	-27.0	PASS
6115.250000	-52.4	25.4	-27.0	PASS
5987.250000	-52.5	25.5	-27.0	PASS
6129.250000	-52.5	25.5	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 5 : Transmit at 5190MHz by 802.11ac(40MHz)	

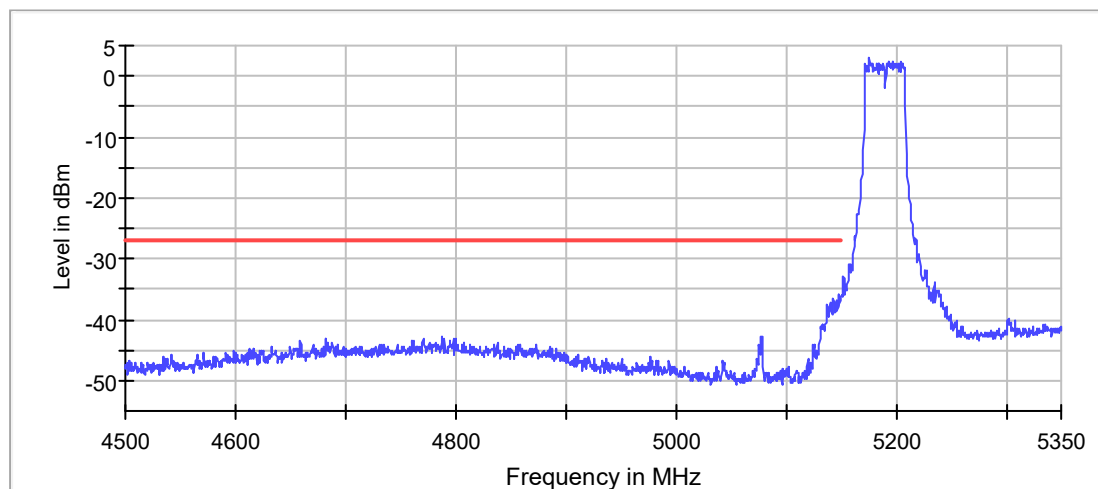
Result

DUT Frequency (MHz)	Result
5190.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5148.250000	-36.0	9.0	-27.0	PASS
5147.750000	-36.1	9.1	-27.0	PASS
5149.750000	-36.6	9.6	-27.0	PASS
5143.250000	-36.7	9.7	-27.0	PASS
5146.250000	-36.9	9.9	-27.0	PASS
5149.250000	-36.9	9.9	-27.0	PASS
5140.750000	-37.1	10.1	-27.0	PASS
5140.250000	-37.3	10.3	-27.0	PASS
5143.750000	-37.3	10.3	-27.0	PASS
5145.750000	-37.4	10.4	-27.0	PASS
5148.750000	-37.6	10.6	-27.0	PASS
5142.750000	-37.6	10.6	-27.0	PASS
5137.750000	-37.7	10.7	-27.0	PASS
5147.250000	-37.8	10.8	-27.0	PASS
5144.250000	-37.9	10.9	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 5 : Transmit at 5310MHz by 802.11ac(40MHz)	

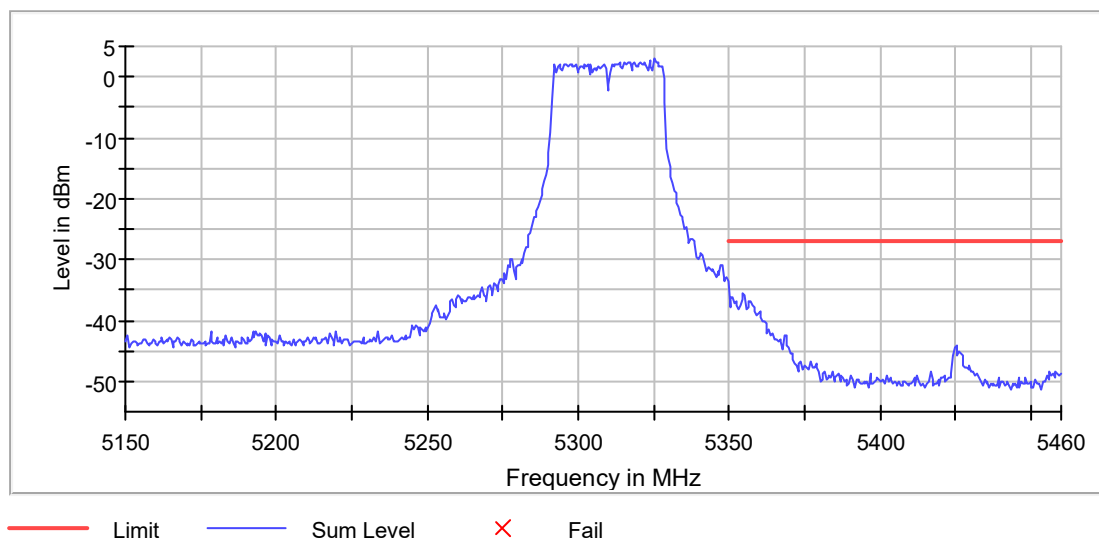
Result

DUT Frequency (MHz)	Result
5310.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5354.750000	-35.4	8.4	-27.0	PASS
5355.250000	-35.9	8.9	-27.0	PASS
5351.250000	-36.2	9.2	-27.0	PASS
5350.750000	-36.2	9.2	-27.0	PASS
5354.250000	-36.5	9.5	-27.0	PASS
5352.250000	-36.7	9.7	-27.0	PASS
5357.250000	-36.9	9.9	-27.0	PASS
5356.750000	-36.9	9.9	-27.0	PASS
5351.750000	-37.3	10.3	-27.0	PASS
5357.750000	-37.4	10.4	-27.0	PASS
5353.750000	-37.5	10.5	-27.0	PASS
5352.750000	-37.7	10.7	-27.0	PASS
5358.250000	-37.8	10.8	-27.0	PASS
5350.250000	-37.8	10.8	-27.0	PASS
5356.250000	-37.8	10.8	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 5 : Transmit at 5510MHz by 802.11ac(40MHz)	

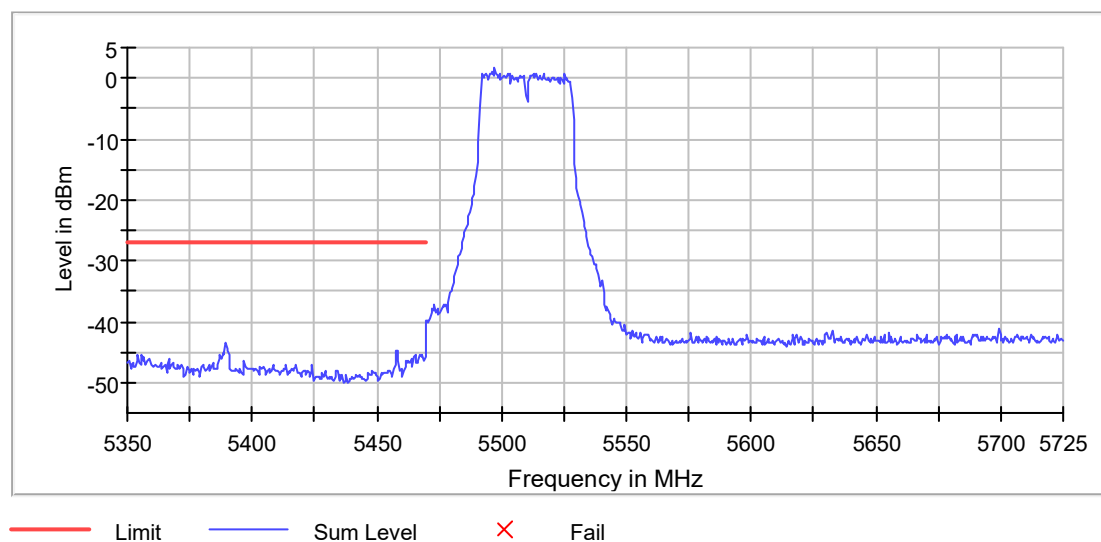
Result

DUT Frequency (MHz)	Result
5510.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5389.250000	-43.5	16.5	-27.0	PASS
5469.750000	-43.8	16.8	-27.0	PASS
5389.750000	-44.6	17.6	-27.0	PASS
5390.250000	-44.7	17.7	-27.0	PASS
5457.750000	-44.8	17.8	-27.0	PASS
5458.250000	-44.9	17.9	-27.0	PASS
5388.250000	-45.3	18.3	-27.0	PASS
5354.250000	-45.3	18.3	-27.0	PASS
5468.250000	-45.4	18.4	-27.0	PASS
5465.250000	-45.4	18.4	-27.0	PASS
5355.750000	-45.4	18.4	-27.0	PASS
5467.250000	-45.5	18.5	-27.0	PASS
5388.750000	-45.5	18.5	-27.0	PASS
5390.750000	-45.6	18.6	-27.0	PASS
5387.250000	-45.6	18.6	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 5 : Transmit at 5670MHz by 802.11ac(40MHz)	

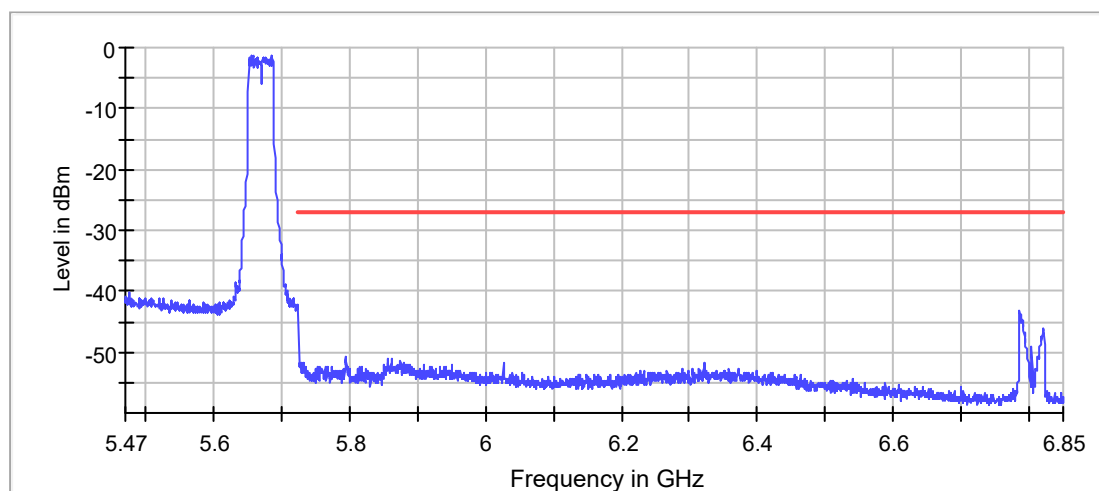
Result

DUT Frequency (MHz)	Result
5670.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6786.250000	-43.2	16.2	-27.0	PASS
6785.750000	-43.5	16.5	-27.0	PASS
6787.750000	-43.8	16.8	-27.0	PASS
6787.250000	-44.0	17.0	-27.0	PASS
6786.750000	-44.5	17.5	-27.0	PASS
6789.250000	-44.6	17.6	-27.0	PASS
6790.250000	-44.9	17.9	-27.0	PASS
6788.250000	-45.0	18.0	-27.0	PASS
6789.750000	-45.1	18.1	-27.0	PASS
6788.750000	-45.2	18.2	-27.0	PASS
6791.250000	-45.6	18.6	-27.0	PASS
6790.750000	-45.9	18.9	-27.0	PASS
6821.750000	-46.1	19.1	-27.0	PASS
6820.250000	-46.1	19.1	-27.0	PASS
6791.750000	-46.4	19.4	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 5 : Transmit at 5755MHz by 802.11ac(40MHz)	

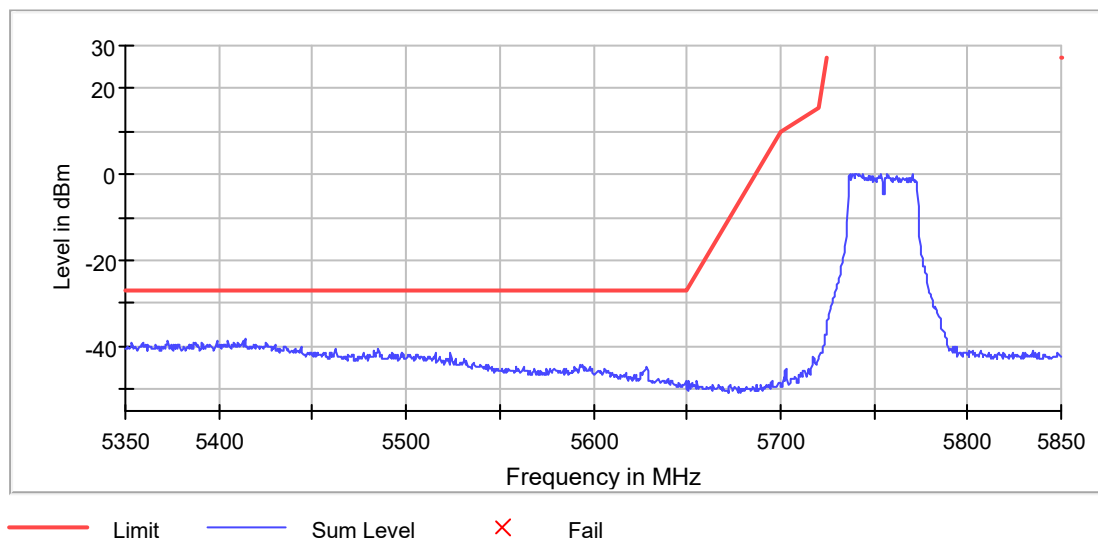
Result

DUT Frequency (MHz)	Result
5755.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5413.750000	-38.2	11.2	-27.0	PASS
5412.750000	-38.5	11.5	-27.0	PASS
5404.750000	-38.5	11.5	-27.0	PASS
5372.750000	-38.7	11.7	-27.0	PASS
5398.750000	-38.7	11.7	-27.0	PASS
5359.250000	-39.0	12.0	-27.0	PASS
5425.250000	-39.1	12.1	-27.0	PASS
5390.750000	-39.1	12.1	-27.0	PASS
5410.250000	-39.2	12.2	-27.0	PASS
5386.750000	-39.2	12.2	-27.0	PASS
5408.250000	-39.2	12.2	-27.0	PASS
5353.250000	-39.3	12.3	-27.0	PASS
5387.750000	-39.4	12.4	-27.0	PASS
5399.250000	-39.4	12.4	-27.0	PASS
5400.750000	-39.4	12.4	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 5 : Transmit at 5795MHz by 802.11ac(40MHz)	

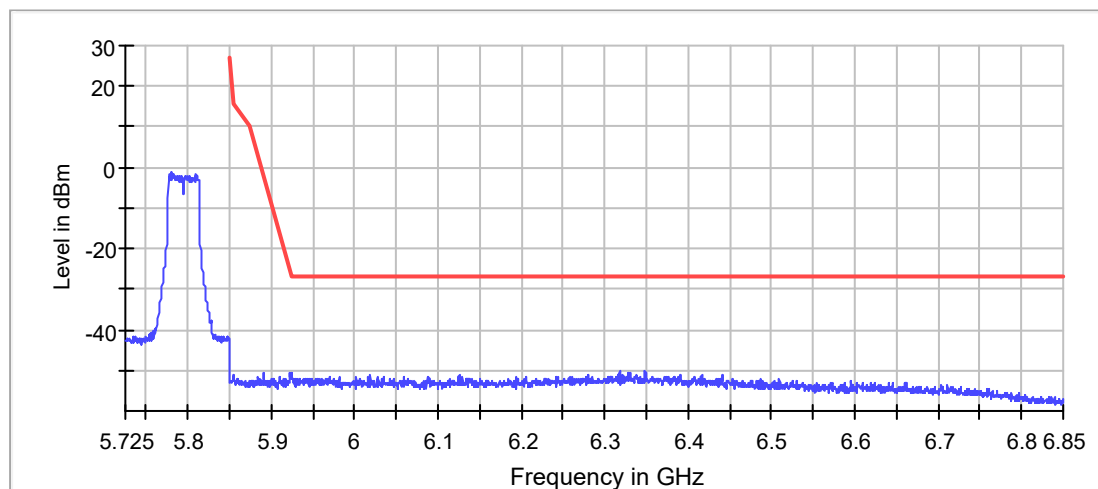
Result

DUT Frequency (MHz)	Result
5795.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6317.750000	-50.1	23.1	-27.0	PASS
6348.750000	-50.2	23.2	-27.0	PASS
6331.250000	-50.8	23.8	-27.0	PASS
6327.750000	-50.8	23.8	-27.0	PASS
6349.250000	-50.9	23.9	-27.0	PASS
6019.250000	-50.9	23.9	-27.0	PASS
6322.250000	-51.0	24.0	-27.0	PASS
6318.250000	-51.0	24.0	-27.0	PASS
6416.250000	-51.1	24.1	-27.0	PASS
6338.750000	-51.1	24.1	-27.0	PASS
6125.250000	-51.1	24.1	-27.0	PASS
6317.250000	-51.1	24.1	-27.0	PASS
6390.250000	-51.2	24.2	-27.0	PASS
6441.250000	-51.3	24.3	-27.0	PASS
6279.750000	-51.3	24.3	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 6 : Transmit at 5180MHz by 802.11ax(20MHz)	

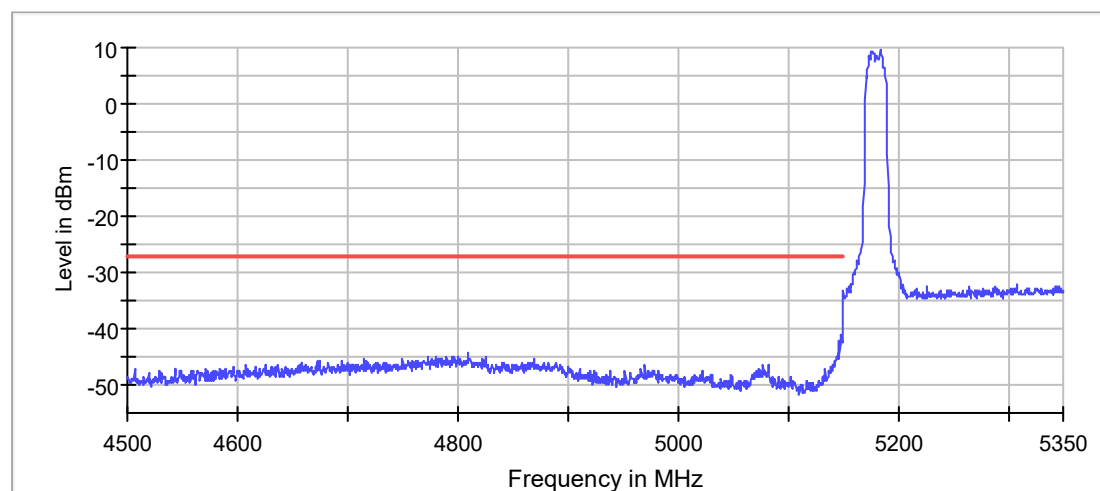
Result

DUT Frequency (MHz)	Result
5180.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5148.750000	-41.0	14.0	-27.0	PASS
5146.250000	-42.2	15.2	-27.0	PASS
5149.750000	-42.2	15.2	-27.0	PASS
5147.750000	-42.5	15.5	-27.0	PASS
5149.250000	-42.6	15.6	-27.0	PASS
5148.250000	-42.6	15.6	-27.0	PASS
5147.250000	-43.0	16.0	-27.0	PASS
5145.250000	-44.2	17.2	-27.0	PASS
4809.250000	-44.4	17.4	-27.0	PASS
4800.250000	-44.9	17.9	-27.0	PASS
4825.250000	-44.9	17.9	-27.0	PASS
4772.750000	-45.0	18.0	-27.0	PASS
5144.250000	-45.0	18.0	-27.0	PASS
4797.250000	-45.0	18.0	-27.0	PASS
4790.250000	-45.1	18.1	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 6 : Transmit at 5320MHz by 802.11ax(20MHz)	

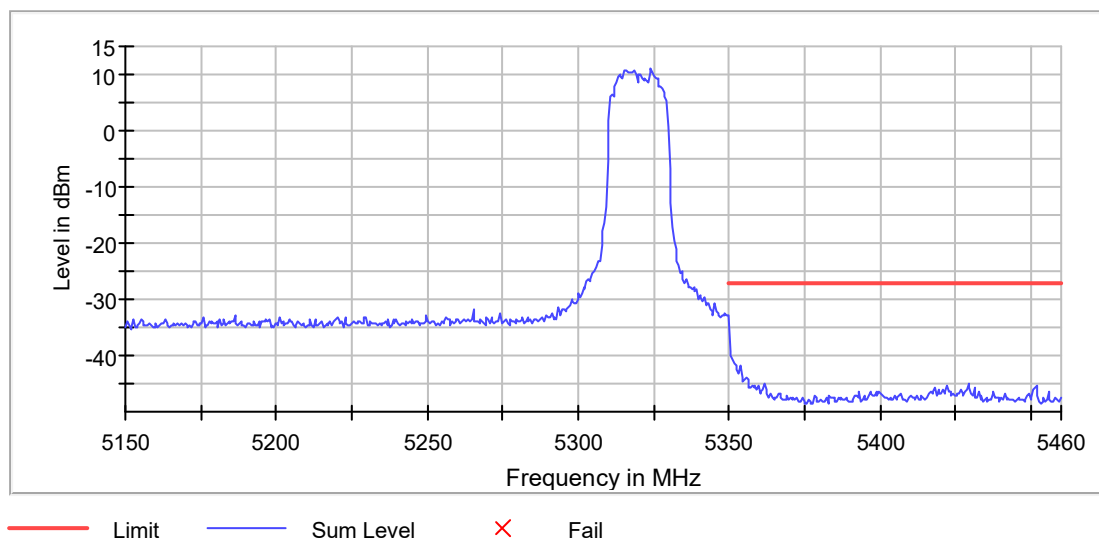
Result

DUT Frequency (MHz)	Result
5320.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5350.250000	-39.2	12.2	-27.0	PASS
5350.750000	-39.9	12.9	-27.0	PASS
5351.250000	-40.7	13.7	-27.0	PASS
5351.750000	-41.3	14.3	-27.0	PASS
5352.250000	-41.8	14.8	-27.0	PASS
5353.750000	-41.8	14.8	-27.0	PASS
5352.750000	-42.4	15.4	-27.0	PASS
5353.250000	-43.2	16.2	-27.0	PASS
5354.250000	-43.9	16.9	-27.0	PASS
5355.750000	-44.1	17.1	-27.0	PASS
5355.250000	-44.4	17.4	-27.0	PASS
5356.250000	-44.4	17.4	-27.0	PASS
5354.750000	-44.6	17.6	-27.0	PASS
5361.750000	-45.0	18.0	-27.0	PASS
5429.250000	-45.0	18.0	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 6 : Transmit at 5500MHz by 802.11ax(20MHz)	

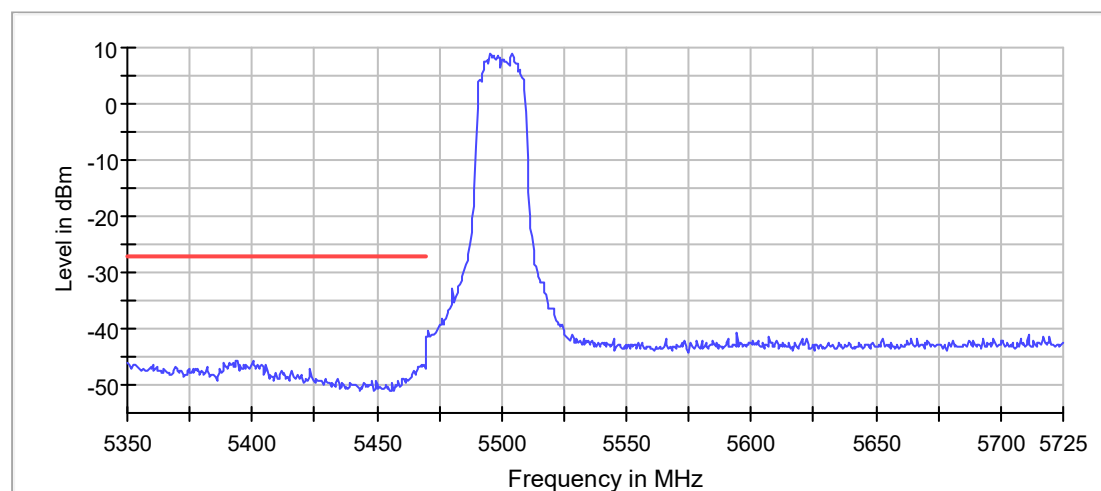
Result

DUT Frequency (MHz)	Result
5500.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5393.750000	-45.6	18.6	-27.0	PASS
5469.750000	-45.8	18.8	-27.0	PASS
5400.250000	-45.8	18.8	-27.0	PASS
5394.250000	-45.9	18.9	-27.0	PASS
5392.250000	-46.1	19.1	-27.0	PASS
5350.250000	-46.1	19.1	-27.0	PASS
5350.000000	-46.1	19.1	-27.0	PASS
5390.750000	-46.2	19.2	-27.0	PASS
5388.750000	-46.2	19.2	-27.0	PASS
5391.750000	-46.3	19.3	-27.0	PASS
5467.750000	-46.3	19.3	-27.0	PASS
5405.750000	-46.3	19.3	-27.0	PASS
5352.750000	-46.3	19.3	-27.0	PASS
5399.750000	-46.3	19.3	-27.0	PASS
5391.250000	-46.3	19.3	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 6 : Transmit at 5700MHz by 802.11ax(20MHz)	

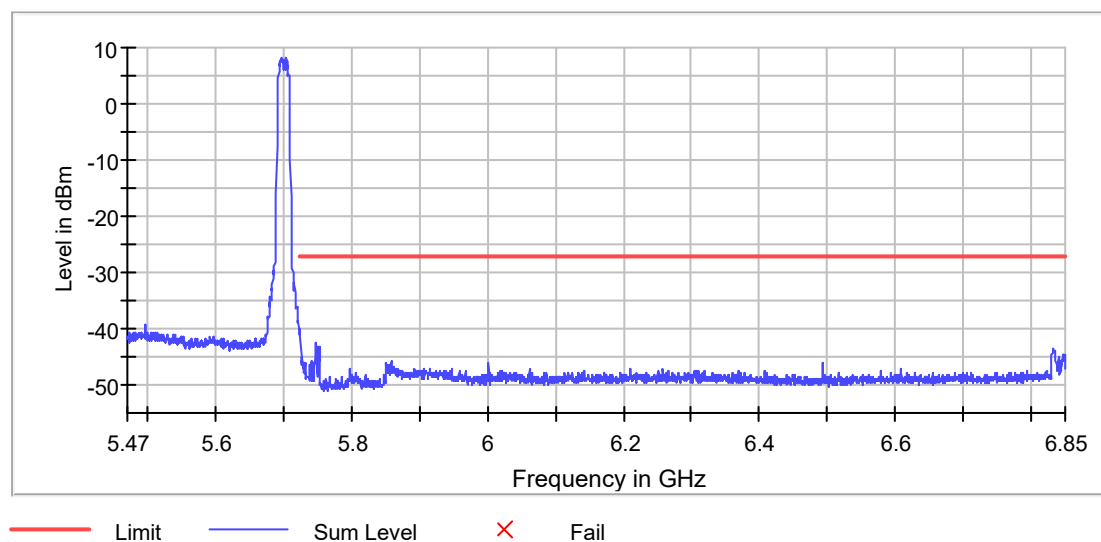
Result

DUT Frequency (MHz)	Result
5700.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5747.250000	-42.4	15.4	-27.0	PASS
5746.750000	-43.2	16.2	-27.0	PASS
5753.250000	-43.2	16.2	-27.0	PASS
5746.250000	-43.3	16.3	-27.0	PASS
5750.250000	-43.3	16.3	-27.0	PASS
5750.750000	-43.5	16.5	-27.0	PASS
6832.250000	-43.7	16.7	-27.0	PASS
6834.250000	-43.8	16.8	-27.0	PASS
5751.250000	-43.8	16.8	-27.0	PASS
6833.750000	-43.9	16.9	-27.0	PASS
6832.750000	-43.9	16.9	-27.0	PASS
6833.250000	-44.1	17.1	-27.0	PASS
6831.750000	-44.2	17.2	-27.0	PASS
6831.250000	-44.2	17.2	-27.0	PASS
6834.750000	-44.4	17.4	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 6 : Transmit at 5745MHz by 802.11ax(20MHz)	

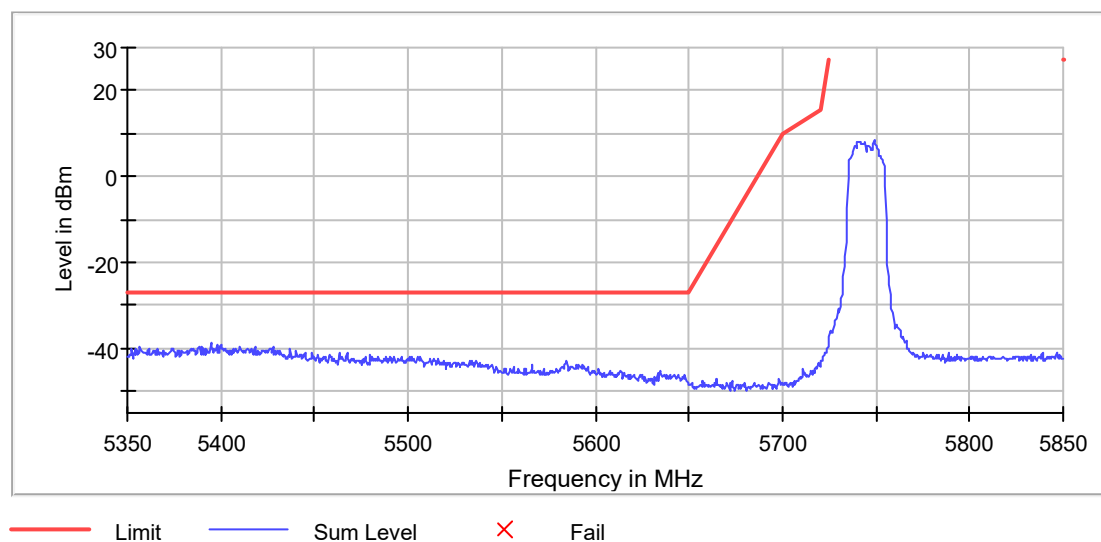
Result

DUT Frequency (MHz)	Result
5745.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5394.750000	-38.9	11.9	-27.0	PASS
5397.750000	-39.0	12.0	-27.0	PASS
5400.250000	-39.2	12.2	-27.0	PASS
5388.250000	-39.4	12.4	-27.0	PASS
5389.750000	-39.4	12.4	-27.0	PASS
5427.750000	-39.6	12.6	-27.0	PASS
5388.750000	-39.6	12.6	-27.0	PASS
5410.250000	-39.7	12.7	-27.0	PASS
5399.750000	-39.7	12.7	-27.0	PASS
5356.750000	-39.8	12.8	-27.0	PASS
5418.250000	-39.8	12.8	-27.0	PASS
5395.250000	-39.8	12.8	-27.0	PASS
5416.250000	-39.8	12.8	-27.0	PASS
5414.750000	-39.9	12.9	-27.0	PASS
5354.750000	-39.9	12.9	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 6 : Transmit at 5825MHz by 802.11ax(20MHz)	

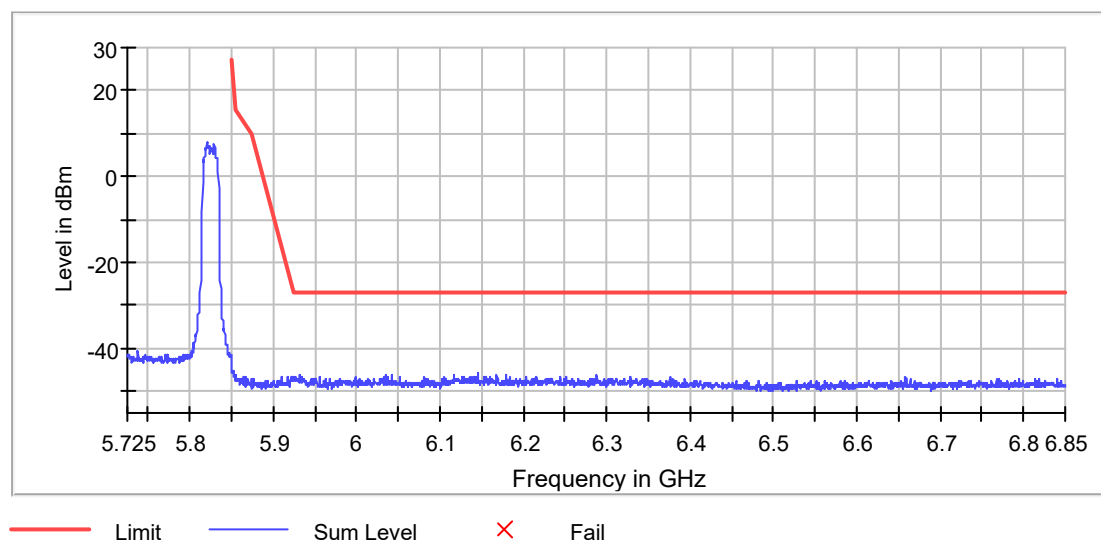
Result

DUT Frequency (MHz)	Result
5825.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6146.250000	-45.7	18.7	-27.0	PASS
6041.750000	-46.0	19.0	-27.0	PASS
6288.250000	-46.2	19.2	-27.0	PASS
5932.250000	-46.2	19.2	-27.0	PASS
6116.250000	-46.2	19.2	-27.0	PASS
6035.250000	-46.2	19.2	-27.0	PASS
6179.250000	-46.3	19.3	-27.0	PASS
6168.250000	-46.3	19.3	-27.0	PASS
6142.750000	-46.4	19.4	-27.0	PASS
6141.250000	-46.5	19.5	-27.0	PASS
6375.250000	-46.5	19.5	-27.0	PASS
6137.750000	-46.6	19.6	-27.0	PASS
6081.750000	-46.6	19.6	-27.0	PASS
5933.750000	-46.6	19.6	-27.0	PASS
6214.250000	-46.6	19.6	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5190MHz by 802.11ax(40MHz)	

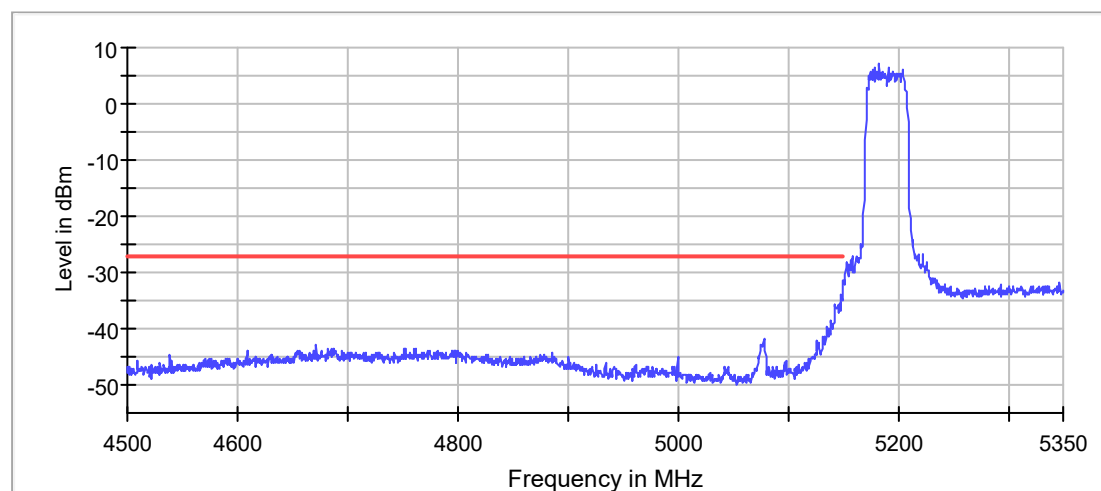
Result

DUT Frequency (MHz)	Result
5190.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5148.750000	-34.1	7.1	-27.0	PASS
5149.750000	-34.5	7.5	-27.0	PASS
5149.250000	-35.0	8.0	-27.0	PASS
5148.250000	-35.2	8.2	-27.0	PASS
5147.250000	-35.2	8.2	-27.0	PASS
5145.250000	-35.7	8.7	-27.0	PASS
5142.750000	-35.8	8.8	-27.0	PASS
5143.250000	-36.0	9.0	-27.0	PASS
5146.750000	-36.3	9.3	-27.0	PASS
5144.750000	-36.4	9.4	-27.0	PASS
5143.750000	-36.5	9.5	-27.0	PASS
5144.250000	-36.5	9.5	-27.0	PASS
5147.750000	-36.6	9.6	-27.0	PASS
5145.750000	-37.2	10.2	-27.0	PASS
5146.250000	-37.3	10.3	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5310MHz by 802.11ax(40MHz)	

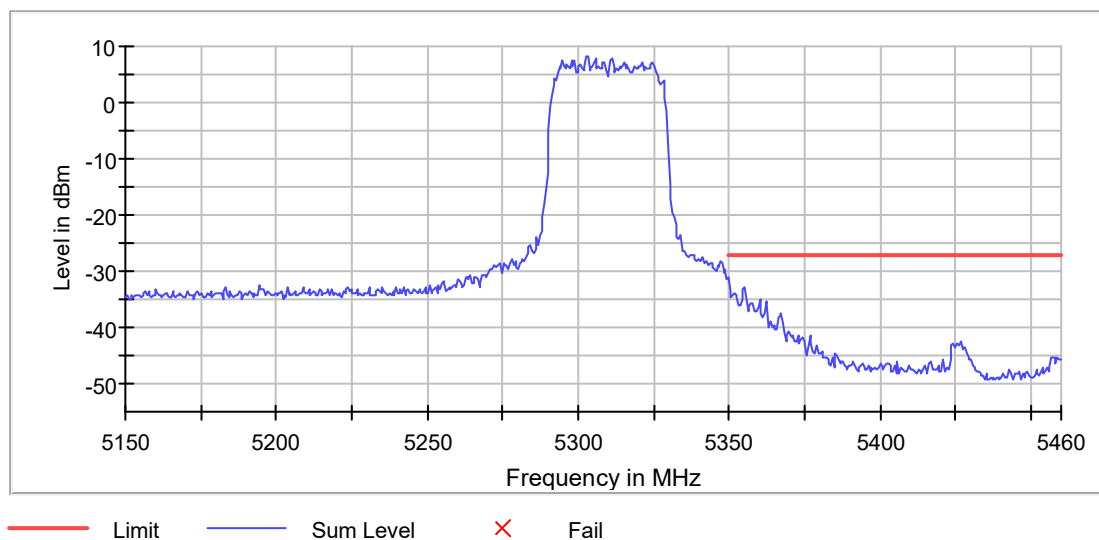
Result

DUT Frequency (MHz)	Result
5310.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5355.250000	-33.0	6.0	-27.0	PASS
5354.750000	-33.2	6.2	-27.0	PASS
5350.250000	-33.7	6.7	-27.0	PASS
5351.750000	-34.0	7.0	-27.0	PASS
5351.250000	-34.4	7.4	-27.0	PASS
5352.250000	-34.4	7.4	-27.0	PASS
5352.750000	-34.6	7.6	-27.0	PASS
5350.750000	-34.6	7.6	-27.0	PASS
5355.750000	-35.1	8.1	-27.0	PASS
5360.250000	-35.1	8.1	-27.0	PASS
5354.250000	-35.1	8.1	-27.0	PASS
5362.250000	-35.4	8.4	-27.0	PASS
5357.250000	-35.7	8.7	-27.0	PASS
5362.750000	-35.7	8.7	-27.0	PASS
5357.750000	-35.8	8.8	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5510MHz by 802.11ax(40MHz)	

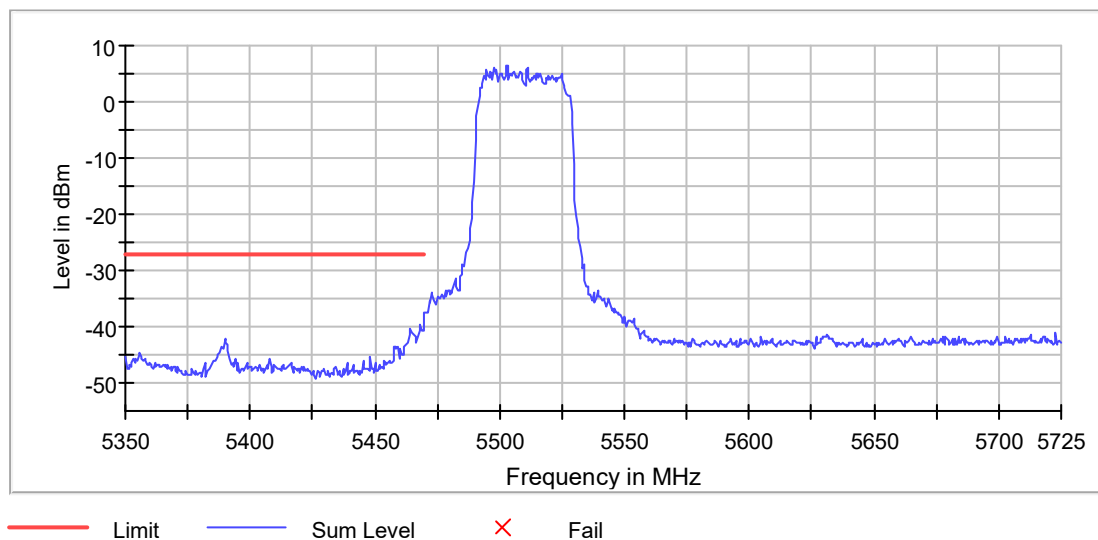
Result

DUT Frequency (MHz)	Result
5510.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5468.250000	-39.6	12.6	-27.0	PASS
5464.250000	-40.5	13.5	-27.0	PASS
5469.750000	-40.5	13.5	-27.0	PASS
5467.750000	-40.6	13.6	-27.0	PASS
5469.250000	-40.7	13.7	-27.0	PASS
5468.750000	-40.8	13.8	-27.0	PASS
5464.750000	-41.2	14.2	-27.0	PASS
5465.250000	-41.3	14.3	-27.0	PASS
5465.750000	-41.4	14.4	-27.0	PASS
5463.750000	-41.5	14.5	-27.0	PASS
5466.250000	-41.9	14.9	-27.0	PASS
5467.250000	-41.9	14.9	-27.0	PASS
5389.750000	-42.2	15.2	-27.0	PASS
5390.250000	-42.7	15.7	-27.0	PASS
5463.250000	-42.8	15.8	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5670MHz by 802.11ax(40MHz)	

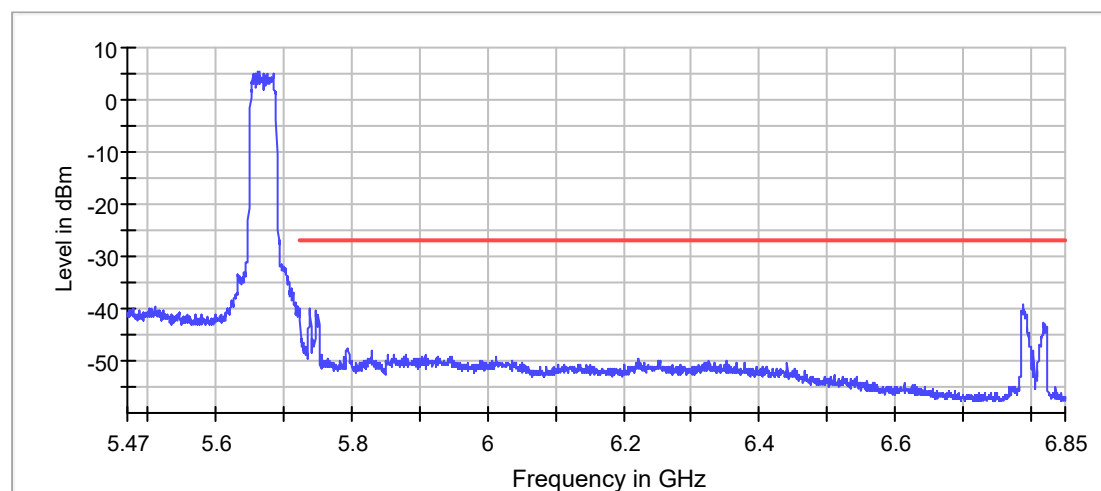
Result

DUT Frequency (MHz)	Result
5670.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6788.750000	-39.1	12.1	-27.0	PASS
5739.250000	-39.9	12.9	-27.0	PASS
6787.750000	-40.0	13.0	-27.0	PASS
6789.250000	-40.2	13.2	-27.0	PASS
6787.250000	-40.2	13.2	-27.0	PASS
6786.250000	-40.4	13.4	-27.0	PASS
6788.250000	-40.5	13.5	-27.0	PASS
5747.750000	-40.6	13.6	-27.0	PASS
6789.750000	-40.6	13.6	-27.0	PASS
6791.750000	-40.6	13.6	-27.0	PASS
6790.250000	-40.7	13.7	-27.0	PASS
6790.750000	-41.0	14.0	-27.0	PASS
5751.250000	-41.0	14.0	-27.0	PASS
6792.750000	-41.2	14.2	-27.0	PASS
5738.750000	-41.2	14.2	-27.0	PASS

Band Edge



— Limit — Sum Level × Fail

Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5755MHz by 802.11ax(40MHz)	

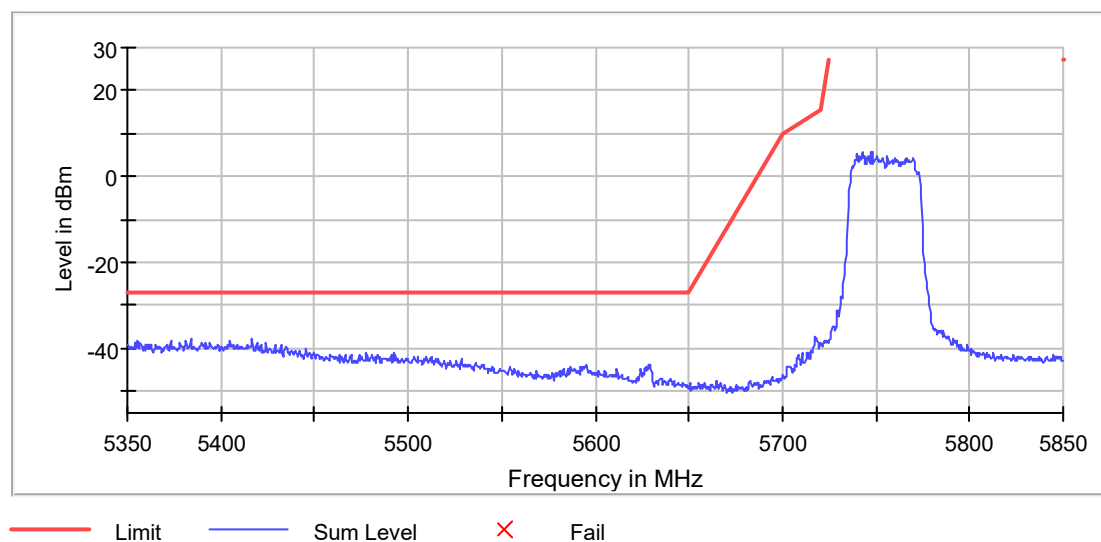
Result

DUT Frequency (MHz)	Result
5755.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5383.750000	-37.6	10.6	-27.0	PASS
5416.750000	-37.8	10.8	-27.0	PASS
5355.750000	-38.1	11.1	-27.0	PASS
5373.250000	-38.1	11.1	-27.0	PASS
5381.250000	-38.4	11.4	-27.0	PASS
5404.750000	-38.4	11.4	-27.0	PASS
5356.750000	-38.5	11.5	-27.0	PASS
5384.250000	-38.6	11.6	-27.0	PASS
5419.250000	-38.6	11.6	-27.0	PASS
5424.250000	-38.6	11.6	-27.0	PASS
5354.250000	-38.7	11.7	-27.0	PASS
5389.750000	-38.7	11.7	-27.0	PASS
5394.250000	-38.8	11.8	-27.0	PASS
5392.250000	-38.9	11.9	-27.0	PASS
5378.250000	-38.9	11.9	-27.0	PASS

Band Edge



Limit: FCC-15.407	Margin: 0
EUT: EMK401	Power: By battery
Note: Mode 7 : Transmit at 5795MHz by 802.11ax(40MHz)	

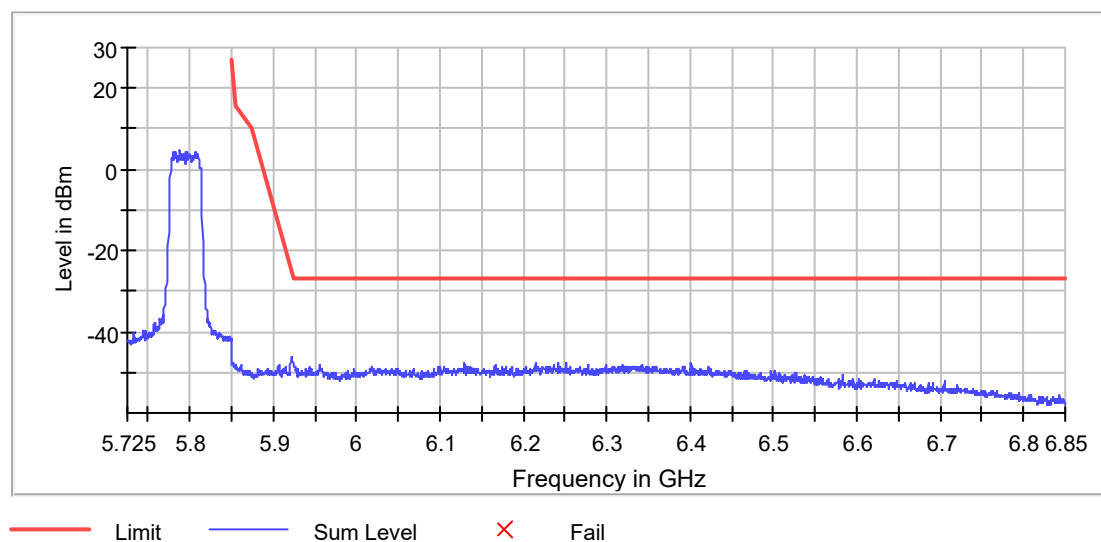
Result

DUT Frequency (MHz)	Result
5795.000000	PASS

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
6241.250000	-47.5	20.5	-27.0	PASS
6251.250000	-47.6	20.6	-27.0	PASS
6401.250000	-47.6	20.6	-27.0	PASS
6214.250000	-47.7	20.7	-27.0	PASS
6129.750000	-47.7	20.7	-27.0	PASS
5924.750000	-47.7	20.9	-26.8	PASS
6341.750000	-47.9	20.9	-27.0	PASS
6277.250000	-48.0	21.0	-27.0	PASS
6277.750000	-48.0	21.0	-27.0	PASS
5924.250000	-47.5	21.1	-26.4	PASS
6236.250000	-48.2	21.2	-27.0	PASS
5922.750000	-46.5	21.2	-25.3	PASS
6251.750000	-48.2	21.2	-27.0	PASS
5923.250000	-46.9	21.2	-25.7	PASS
6166.250000	-48.2	21.2	-27.0	PASS

Band Edge



Appendix I: Frequency Stability

Mode	Frequency (MHz)	Temperature (°C)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	5180	20	5179.960	5150 to 5250	Pass
			5179.960	5150 to 5250	Pass
			5179.960	5150 to 5250	Pass
		-10	5179.980	5150 to 5250	Pass
		0	5180.000	5150 to 5250	Pass
		10	5179.980	5150 to 5250	Pass
		30	5179.960	5150 to 5250	Pass
		40	5180.000	5150 to 5250	Pass
		50	5179.900	5150 to 5250	Pass
	5200	20	5200.000	5150 to 5250	Pass
			5199.880	5150 to 5250	Pass
			5199.980	5150 to 5250	Pass
		-10	5200.040	5150 to 5250	Pass
		0	5199.980	5150 to 5250	Pass
		10	5199.980	5150 to 5250	Pass
		30	5199.880	5150 to 5250	Pass
		40	5200.020	5150 to 5250	Pass
		50	5200.060	5150 to 5250	Pass
	5240	20	5239.960	5150 to 5250	Pass
			5240.040	5150 to 5250	Pass
			5239.980	5150 to 5250	Pass
		-10	5239.980	5150 to 5250	Pass
		0	5239.980	5150 to 5250	Pass
		10	5239.940	5150 to 5250	Pass
		30	5239.960	5150 to 5250	Pass
		40	5239.940	5150 to 5250	Pass
		50	5239.980	5150 to 5250	Pass
	5260	20	5260.020	5250 to 5350	Pass
			5260.020	5250 to 5350	Pass
			5260.000	5250 to 5350	Pass
		-10	5259.960	5250 to 5350	Pass
		0	5259.960	5250 to 5350	Pass
		10	5260.020	5250 to 5350	Pass
		30	5259.940	5250 to 5350	Pass
		40	5259.980	5250 to 5350	Pass
		50	5260.020	5250 to 5350	Pass
	5300	20	5300.000	5250 to 5350	Pass
			5299.940	5250 to 5350	Pass
			5299.960	5250 to 5350	Pass
		-10	5300.020	5250 to 5350	Pass

		0	5300.060	5250 to 5350	Pass
		10	5300.000	5250 to 5350	Pass
		30	5299.980	5250 to 5350	Pass
		40	5299.960	5250 to 5350	Pass
		50	5299.980	5250 to 5350	Pass
	5320	20	5319.940	5250 to 5350	Pass
			5320.000	5250 to 5350	Pass
			5319.980	5250 to 5350	Pass
		-10	5320.020	5250 to 5350	Pass
		0	5319.900	5250 to 5350	Pass
		10	5319.980	5250 to 5350	Pass
		30	5319.960	5250 to 5350	Pass
		40	5319.900	5250 to 5350	Pass
		50	5319.980	5250 to 5350	Pass
	5500	20	5500.060	5470 to 5725	Pass
			5499.940	5470 to 5725	Pass
			5500.000	5470 to 5725	Pass
		-10	5500.020	5470 to 5725	Pass
		0	5500.040	5470 to 5725	Pass
		10	5500.000	5470 to 5725	Pass
		30	5499.960	5470 to 5725	Pass
		40	5499.960	5470 to 5725	Pass
		50	5499.920	5470 to 5725	Pass
	5580	20	5580.000	5470 to 5725	Pass
			5580.080	5470 to 5725	Pass
			5579.960	5470 to 5725	Pass
		-10	5579.940	5470 to 5725	Pass
		0	5580.020	5470 to 5725	Pass
		10	5579.980	5470 to 5725	Pass
		30	5579.860	5470 to 5725	Pass
		40	5580.020	5470 to 5725	Pass
		50	5579.960	5470 to 5725	Pass
	5700	20	5699.980	5470 to 5725	Pass
			5699.980	5470 to 5725	Pass
			5699.960	5470 to 5725	Pass
		-10	5699.960	5470 to 5725	Pass
		0	5700.000	5470 to 5725	Pass
		10	5700.000	5470 to 5725	Pass
		30	5699.920	5470 to 5725	Pass
		40	5699.980	5470 to 5725	Pass
		50	5699.960	5470 to 5725	Pass
	5745	20	5744.980	5725 to 5850	Pass
			5744.900	5725 to 5850	Pass
			5745.020	5725 to 5850	Pass
		-10	5744.940	5725 to 5850	Pass
		0	5745.040	5725 to 5850	Pass

		10	5744.980	5725 to 5850	Pass
		30	5745.000	5725 to 5850	Pass
		40	5745.040	5725 to 5850	Pass
		50	5745.020	5725 to 5850	Pass
	5785	20	5784.940	5725 to 5850	Pass
			5785.000	5725 to 5850	Pass
			5785.040	5725 to 5850	Pass
		-10	5784.960	5725 to 5850	Pass
		0	5785.020	5725 to 5850	Pass
		10	5784.980	5725 to 5850	Pass
		30	5784.980	5725 to 5850	Pass
		40	5785.040	5725 to 5850	Pass
		50	5784.940	5725 to 5850	Pass
	5825	20	5824.940	5725 to 5850	Pass
			5824.980	5725 to 5850	Pass
			5825.000	5725 to 5850	Pass
		-10	5824.880	5725 to 5850	Pass
		0	5825.000	5725 to 5850	Pass
		10	5824.960	5725 to 5850	Pass
		30	5824.900	5725 to 5850	Pass
		40	5825.020	5725 to 5850	Pass
		50	5825.000	5725 to 5850	Pass

802.11n (HT20)	5180	20	5180.020	5150 to 5250	Pass
			5180.000	5150 to 5250	Pass
			5179.960	5150 to 5250	Pass
		-10	5179.940	5150 to 5250	Pass
		0	5179.920	5150 to 5250	Pass
		10	5179.960	5150 to 5250	Pass
		30	5179.960	5150 to 5250	Pass
		40	5180.060	5150 to 5250	Pass
		50	5179.960	5150 to 5250	Pass
	5200	20	5199.960	5150 to 5250	Pass
			5200.020	5150 to 5250	Pass
			5200.040	5150 to 5250	Pass
		-10	5199.980	5150 to 5250	Pass
		0	5199.940	5150 to 5250	Pass
		10	5199.980	5150 to 5250	Pass
		30	5200.000	5150 to 5250	Pass
		40	5199.980	5150 to 5250	Pass
		50	5199.980	5150 to 5250	Pass
	5240	20	5240.020	5150 to 5250	Pass
			5240.040	5150 to 5250	Pass
			5240.000	5150 to 5250	Pass
		-10	5240.060	5150 to 5250	Pass
		0	5240.020	5150 to 5250	Pass
		10	5240.000	5150 to 5250	Pass
		30	5240.000	5150 to 5250	Pass
		40	5239.980	5150 to 5250	Pass
		50	5240.020	5150 to 5250	Pass
	5260	20	5259.940	5250 to 5350	Pass
			5259.980	5250 to 5350	Pass
			5260.000	5250 to 5350	Pass
		-10	5260.000	5250 to 5350	Pass
		0	5260.000	5250 to 5350	Pass
		10	5260.000	5250 to 5350	Pass
		30	5259.980	5250 to 5350	Pass
		40	5260.000	5250 to 5350	Pass
		50	5259.960	5250 to 5350	Pass
	5300	20	5299.960	5250 to 5350	Pass
			5300.000	5250 to 5350	Pass
			5300.000	5250 to 5350	Pass
		-10	5300.040	5250 to 5350	Pass
		0	5299.980	5250 to 5350	Pass
		10	5299.980	5250 to 5350	Pass
		30	5299.980	5250 to 5350	Pass
		40	5300.000	5250 to 5350	Pass
		50	5300.020	5250 to 5350	Pass
	5320	20	5320.040	5250 to 5350	Pass

			5319.940	5250 to 5350	Pass
			5319.960	5250 to 5350	Pass
		-10	5320.000	5250 to 5350	Pass
		0	5319.940	5250 to 5350	Pass
		10	5319.980	5250 to 5350	Pass
		30	5320.000	5250 to 5350	Pass
		40	5319.980	5250 to 5350	Pass
		50	5319.980	5250 to 5350	Pass
	5500	20	5499.980	5470 to 5725	Pass
			5499.960	5470 to 5725	Pass
			5500.000	5470 to 5725	Pass
		-10	5499.940	5470 to 5725	Pass
		0	5500.000	5470 to 5725	Pass
		10	5499.980	5470 to 5725	Pass
		30	5500.040	5470 to 5725	Pass
		40	5500.020	5470 to 5725	Pass
		50	5499.940	5470 to 5725	Pass
	5580	20	5579.960	5470 to 5725	Pass
			5579.960	5470 to 5725	Pass
			5580.000	5470 to 5725	Pass
		-10	5579.960	5470 to 5725	Pass
		0	5579.980	5470 to 5725	Pass
		10	5579.940	5470 to 5725	Pass
		30	5579.900	5470 to 5725	Pass
		40	5580.000	5470 to 5725	Pass
		50	5579.980	5470 to 5725	Pass
	5700	20	5700.040	5470 to 5725	Pass
			5700.040	5470 to 5725	Pass
			5700.000	5470 to 5725	Pass
		-10	5700.000	5470 to 5725	Pass
		0	5700.060	5470 to 5725	Pass
		10	5700.000	5470 to 5725	Pass
		30	5700.000	5470 to 5725	Pass
		40	5700.000	5470 to 5725	Pass
		50	5700.000	5470 to 5725	Pass
	5745	20	5745.040	5725 to 5850	Pass
			5744.960	5725 to 5850	Pass
			5745.000	5725 to 5850	Pass
		-10	5745.000	5725 to 5850	Pass
		0	5744.980	5725 to 5850	Pass
		10	5745.000	5725 to 5850	Pass
		30	5744.940	5725 to 5850	Pass
		40	5744.980	5725 to 5850	Pass
		50	5745.000	5725 to 5850	Pass
	5785	20	5784.960	5725 to 5850	Pass
			5785.020	5725 to 5850	Pass

			5785.020	5725 to 5850	Pass
		-10	5784.960	5725 to 5850	Pass
		0	5784.960	5725 to 5850	Pass
		10	5785.060	5725 to 5850	Pass
		30	5784.980	5725 to 5850	Pass
		40	5785.020	5725 to 5850	Pass
		50	5784.960	5725 to 5850	Pass
	5825	20	5824.980	5725 to 5850	Pass
			5825.000	5725 to 5850	Pass
			5824.980	5725 to 5850	Pass
		-10	5824.960	5725 to 5850	Pass
		0	5825.060	5725 to 5850	Pass
		10	5824.960	5725 to 5850	Pass
		30	5825.000	5725 to 5850	Pass
		40	5825.040	5725 to 5850	Pass
		50	5825.020	5725 to 5850	Pass

802.11n (HT40)	5190	20	5189.960	5150 to 5250	Pass
			5190.000	5150 to 5250	Pass
			5190.040	5150 to 5250	Pass
		-10	5190.040	5150 to 5250	Pass
		0	5190.000	5150 to 5250	Pass
		10	5190.000	5150 to 5250	Pass
		30	5190.000	5150 to 5250	Pass
		40	5190.000	5150 to 5250	Pass
		50	5190.000	5150 to 5250	Pass
	5230	20	5230.040	5150 to 5250	Pass
			5230.120	5150 to 5250	Pass
			5230.000	5150 to 5250	Pass
		-10	5230.040	5150 to 5250	Pass
		0	5230.040	5150 to 5250	Pass
		10	5230.040	5150 to 5250	Pass
		30	5230.040	5150 to 5250	Pass
		40	5230.040	5150 to 5250	Pass
		50	5230.040	5150 to 5250	Pass
	5270	20	5270.000	5250 to 5350	Pass
			5270.000	5250 to 5350	Pass
			5270.000	5250 to 5350	Pass
		-10	5269.960	5250 to 5350	Pass
		0	5270.000	5250 to 5350	Pass
		10	5270.000	5250 to 5350	Pass
		30	5270.000	5250 to 5350	Pass
		40	5270.000	5250 to 5350	Pass
		50	5270.040	5250 to 5350	Pass
	5310	20	5310.000	5250 to 5350	Pass
			5310.040	5250 to 5350	Pass
			5310.000	5250 to 5350	Pass
		-10	5310.000	5250 to 5350	Pass
		0	5310.000	5250 to 5350	Pass
		10	5310.000	5250 to 5350	Pass
		30	5310.000	5250 to 5350	Pass
		40	5310.040	5250 to 5350	Pass
		50	5310.000	5250 to 5350	Pass
	5510	20	5510.000	5470 to 5725	Pass
			5510.000	5470 to 5725	Pass
			5510.000	5470 to 5725	Pass
		-10	5510.040	5470 to 5725	Pass
		0	5510.000	5470 to 5725	Pass
		10	5510.040	5470 to 5725	Pass
		30	5510.000	5470 to 5725	Pass
		40	5510.000	5470 to 5725	Pass
		50	5510.000	5470 to 5725	Pass
	5550	20	5550.040	5470 to 5725	Pass

			5550.040	5470 to 5725	Pass
			5550.040	5470 to 5725	Pass
		-10	5550.040	5470 to 5725	Pass
		0	5550.040	5470 to 5725	Pass
		10	5550.040	5470 to 5725	Pass
		30	5550.000	5470 to 5725	Pass
		40	5550.000	5470 to 5725	Pass
		50	5550.000	5470 to 5725	Pass
	5670	20	5669.960	5470 to 5725	Pass
			5670.040	5470 to 5725	Pass
			5669.960	5470 to 5725	Pass
		-10	5670.000	5470 to 5725	Pass
		0	5670.000	5470 to 5725	Pass
		10	5670.040	5470 to 5725	Pass
		30	5670.000	5470 to 5725	Pass
		40	5669.960	5470 to 5725	Pass
		50	5669.960	5470 to 5725	Pass
	5755	20	5755.000	5725 to 5850	Pass
			5754.960	5725 to 5850	Pass
			5755.000	5725 to 5850	Pass
		-10	5755.040	5725 to 5850	Pass
		0	5755.000	5725 to 5850	Pass
		10	5755.000	5725 to 5850	Pass
		30	5754.960	5725 to 5850	Pass
		40	5755.000	5725 to 5850	Pass
		50	5755.000	5725 to 5850	Pass
	5795	20	5795.040	5725 to 5850	Pass
			5794.960	5725 to 5850	Pass
			5795.000	5725 to 5850	Pass
		-10	5795.000	5725 to 5850	Pass
		0	5795.040	5725 to 5850	Pass
		10	5795.000	5725 to 5850	Pass
		30	5795.040	5725 to 5850	Pass
		40	5795.000	5725 to 5850	Pass
		50	5795.000	5725 to 5850	Pass

802.11ac (VHT20)	5180	20	5179.980	5150 to 5250	Pass
			5179.960	5150 to 5250	Pass
			5179.980	5150 to 5250	Pass
		-10	5179.940	5150 to 5250	Pass
		0	5179.920	5150 to 5250	Pass
		10	5180.000	5150 to 5250	Pass
		30	5179.980	5150 to 5250	Pass
		40	5179.980	5150 to 5250	Pass
		50	5179.980	5150 to 5250	Pass
	5200	20	5199.980	5150 to 5250	Pass
			5199.980	5150 to 5250	Pass
			5200.060	5150 to 5250	Pass
		-10	5200.020	5150 to 5250	Pass
		0	5199.960	5150 to 5250	Pass
		10	5200.040	5150 to 5250	Pass
		30	5200.060	5150 to 5250	Pass
		40	5199.940	5150 to 5250	Pass
		50	5199.940	5150 to 5250	Pass
	5240	20	5239.900	5150 to 5250	Pass
			5239.960	5150 to 5250	Pass
			5239.920	5150 to 5250	Pass
		-10	5239.960	5150 to 5250	Pass
		0	5239.960	5150 to 5250	Pass
		10	5239.980	5150 to 5250	Pass
		30	5239.960	5150 to 5250	Pass
		40	5239.960	5150 to 5250	Pass
		50	5239.960	5150 to 5250	Pass
	5260	20	5260.060	5250 to 5350	Pass
			5259.920	5250 to 5350	Pass
			5259.960	5250 to 5350	Pass
		-10	5259.980	5250 to 5350	Pass
		0	5259.980	5250 to 5350	Pass
		10	5259.980	5250 to 5350	Pass
		30	5260.000	5250 to 5350	Pass
		40	5259.940	5250 to 5350	Pass
		50	5260.020	5250 to 5350	Pass
	5300	20	5299.920	5250 to 5350	Pass
			5299.960	5250 to 5350	Pass
			5300.000	5250 to 5350	Pass
		-10	5299.960	5250 to 5350	Pass
		0	5300.000	5250 to 5350	Pass
		10	5299.960	5250 to 5350	Pass
		30	5299.940	5250 to 5350	Pass
		40	5299.980	5250 to 5350	Pass
		50	5300.020	5250 to 5350	Pass
	5320	20	5320.000	5250 to 5350	Pass

			5319.960	5250 to 5350	Pass
			5319.960	5250 to 5350	Pass
		-10	5319.940	5250 to 5350	Pass
		0	5320.040	5250 to 5350	Pass
		10	5320.040	5250 to 5350	Pass
		30	5319.920	5250 to 5350	Pass
		40	5319.960	5250 to 5350	Pass
		50	5320.000	5250 to 5350	Pass
	5500	20	5500.020	5470 to 5725	Pass
			5499.980	5470 to 5725	Pass
			5499.920	5470 to 5725	Pass
		-10	5500.000	5470 to 5725	Pass
		0	5500.060	5470 to 5725	Pass
		10	5499.940	5470 to 5725	Pass
		30	5499.980	5470 to 5725	Pass
		40	5499.980	5470 to 5725	Pass
		50	5499.960	5470 to 5725	Pass
	5580	20	5580.020	5470 to 5725	Pass
			5580.000	5470 to 5725	Pass
			5579.900	5470 to 5725	Pass
		-10	5580.020	5470 to 5725	Pass
		0	5580.000	5470 to 5725	Pass
		10	5579.940	5470 to 5725	Pass
		30	5580.000	5470 to 5725	Pass
		40	5579.980	5470 to 5725	Pass
		50	5580.040	5470 to 5725	Pass
	5700	20	5700.040	5470 to 5725	Pass
			5699.920	5470 to 5725	Pass
			5699.980	5470 to 5725	Pass
		-10	5700.000	5470 to 5725	Pass
		0	5699.960	5470 to 5725	Pass
		10	5699.960	5470 to 5725	Pass
		30	5700.000	5470 to 5725	Pass
		40	5699.980	5470 to 5725	Pass
		50	5700.020	5470 to 5725	Pass
	5745	20	5745.000	5725 to 5850	Pass
			5744.980	5725 to 5850	Pass
			5744.980	5725 to 5850	Pass
		-10	5745.020	5725 to 5850	Pass
		0	5745.000	5725 to 5850	Pass
		10	5744.920	5725 to 5850	Pass
		30	5745.000	5725 to 5850	Pass
		40	5744.980	5725 to 5850	Pass
		50	5744.960	5725 to 5850	Pass
	5785	20	5785.000	5725 to 5850	Pass
			5785.060	5725 to 5850	Pass

			5784.940	5725 to 5850	Pass
		-10	5784.960	5725 to 5850	Pass
		0	5784.960	5725 to 5850	Pass
		10	5784.940	5725 to 5850	Pass
		30	5784.980	5725 to 5850	Pass
		40	5785.000	5725 to 5850	Pass
		50	5784.940	5725 to 5850	Pass
	5825	20	5825.040	5725 to 5850	Pass
			5824.960	5725 to 5850	Pass
			5825.020	5725 to 5850	Pass
		-10	5824.960	5725 to 5850	Pass
		0	5824.940	5725 to 5850	Pass
		10	5825.020	5725 to 5850	Pass
		30	5824.960	5725 to 5850	Pass
		40	5825.040	5725 to 5850	Pass
		50	5824.980	5725 to 5850	Pass

802.11ac (VHT40)	5190	20	5190.040	5150 to 5250	Pass
			5190.040	5150 to 5250	Pass
			5190.000	5150 to 5250	Pass
		-10	5190.040	5150 to 5250	Pass
		0	5190.040	5150 to 5250	Pass
		10	5189.960	5150 to 5250	Pass
		30	5190.000	5150 to 5250	Pass
		40	5190.000	5150 to 5250	Pass
		50	5189.960	5150 to 5250	Pass
	5230	20	5230.040	5150 to 5250	Pass
			5230.000	5150 to 5250	Pass
			5230.000	5150 to 5250	Pass
		-10	5230.080	5150 to 5250	Pass
		0	5230.040	5150 to 5250	Pass
		10	5230.000	5150 to 5250	Pass
		30	5230.040	5150 to 5250	Pass
		40	5230.000	5150 to 5250	Pass
		50	5230.000	5150 to 5250	Pass
	5270	20	5270.000	5250 to 5350	Pass
			5270.040	5250 to 5350	Pass
			5270.080	5250 to 5350	Pass
		-10	5270.000	5250 to 5350	Pass
		0	5270.080	5250 to 5350	Pass
		10	5270.000	5250 to 5350	Pass
		30	5270.000	5250 to 5350	Pass
		40	5270.040	5250 to 5350	Pass
		50	5269.960	5250 to 5350	Pass
	5310	20	5310.040	5250 to 5350	Pass
			5310.000	5250 to 5350	Pass
			5309.920	5250 to 5350	Pass
		-10	5310.040	5250 to 5350	Pass
		0	5310.040	5250 to 5350	Pass
		10	5310.040	5250 to 5350	Pass
		30	5310.000	5250 to 5350	Pass
		40	5310.000	5250 to 5350	Pass
		50	5310.000	5250 to 5350	Pass
	5510	20	5510.040	5470 to 5725	Pass
			5510.000	5470 to 5725	Pass
			5510.040	5470 to 5725	Pass
		-10	5510.000	5470 to 5725	Pass
		0	5509.960	5470 to 5725	Pass
		10	5510.040	5470 to 5725	Pass
		30	5510.000	5470 to 5725	Pass
		40	5510.040	5470 to 5725	Pass
		50	5510.040	5470 to 5725	Pass
	5550	20	5550.000	5470 to 5725	Pass

			5549.960	5470 to 5725	Pass
			5550.040	5470 to 5725	Pass
		-10	5550.040	5470 to 5725	Pass
		0	5549.960	5470 to 5725	Pass
		10	5550.040	5470 to 5725	Pass
		30	5550.040	5470 to 5725	Pass
		40	5550.000	5470 to 5725	Pass
		50	5550.000	5470 to 5725	Pass
	5670	20	5670.000	5470 to 5725	Pass
			5669.920	5470 to 5725	Pass
			5670.000	5470 to 5725	Pass
		-10	5669.960	5470 to 5725	Pass
		0	5670.000	5470 to 5725	Pass
		10	5670.040	5470 to 5725	Pass
		30	5670.040	5470 to 5725	Pass
		40	5670.000	5470 to 5725	Pass
		50	5670.000	5470 to 5725	Pass
	5755	20	5754.880	5725 to 5850	Pass
			5755.000	5725 to 5850	Pass
			5755.000	5725 to 5850	Pass
		-10	5755.000	5725 to 5850	Pass
		0	5755.040	5725 to 5850	Pass
		10	5755.000	5725 to 5850	Pass
		30	5755.040	5725 to 5850	Pass
		40	5755.080	5725 to 5850	Pass
		50	5755.120	5725 to 5850	Pass
	5795	20	5795.000	5725 to 5850	Pass
			5794.960	5725 to 5850	Pass
			5795.000	5725 to 5850	Pass
		-10	5794.920	5725 to 5850	Pass
		0	5795.000	5725 to 5850	Pass
		10	5795.040	5725 to 5850	Pass
		30	5794.960	5725 to 5850	Pass
		40	5795.000	5725 to 5850	Pass
		50	5795.000	5725 to 5850	Pass

802.11ax (HEW20)	5180	20	5180.020	5150 to 5250	Pass
			5180.000	5150 to 5250	Pass
			5179.960	5150 to 5250	Pass
		-10	5180.040	5150 to 5250	Pass
		0	5179.980	5150 to 5250	Pass
		10	5180.020	5150 to 5250	Pass
		30	5180.000	5150 to 5250	Pass
		40	5179.960	5150 to 5250	Pass
		50	5180.000	5150 to 5250	Pass
	5200	20	5199.980	5150 to 5250	Pass
			5199.980	5150 to 5250	Pass
			5199.980	5150 to 5250	Pass
		-10	5200.020	5150 to 5250	Pass
		0	5200.020	5150 to 5250	Pass
		10	5199.980	5150 to 5250	Pass
		30	5199.980	5150 to 5250	Pass
		40	5200.000	5150 to 5250	Pass
		50	5199.980	5150 to 5250	Pass
	5240	20	5240.000	5150 to 5250	Pass
			5240.000	5150 to 5250	Pass
			5240.020	5150 to 5250	Pass
		-10	5240.020	5150 to 5250	Pass
		0	5239.980	5150 to 5250	Pass
		10	5240.000	5150 to 5250	Pass
		30	5240.000	5150 to 5250	Pass
		40	5239.980	5150 to 5250	Pass
		50	5240.020	5150 to 5250	Pass
	5260	20	5259.980	5250 to 5350	Pass
			5259.980	5250 to 5350	Pass
			5260.000	5250 to 5350	Pass
		-10	5259.980	5250 to 5350	Pass
		0	5260.000	5250 to 5350	Pass
		10	5260.000	5250 to 5350	Pass
		30	5259.980	5250 to 5350	Pass
		40	5260.020	5250 to 5350	Pass
		50	5259.980	5250 to 5350	Pass
	5300	20	5300.020	5250 to 5350	Pass
			5300.020	5250 to 5350	Pass
			5300.020	5250 to 5350	Pass
		-10	5300.020	5250 to 5350	Pass
		0	5300.020	5250 to 5350	Pass
		10	5300.020	5250 to 5350	Pass
		30	5300.020	5250 to 5350	Pass
		40	5300.020	5250 to 5350	Pass
		50	5300.000	5250 to 5350	Pass
	5320	20	5320.000	5250 to 5350	Pass

			5320.000	5250 to 5350	Pass
			5319.980	5250 to 5350	Pass
		-10	5319.980	5250 to 5350	Pass
		0	5320.000	5250 to 5350	Pass
		10	5319.980	5250 to 5350	Pass
		30	5319.980	5250 to 5350	Pass
		40	5320.000	5250 to 5350	Pass
		50	5319.980	5250 to 5350	Pass
	5500	20	5499.940	5470 to 5725	Pass
			5500.000	5470 to 5725	Pass
			5499.980	5470 to 5725	Pass
		-10	5499.980	5470 to 5725	Pass
		0	5499.980	5470 to 5725	Pass
		10	5500.000	5470 to 5725	Pass
		30	5500.000	5470 to 5725	Pass
		40	5500.020	5470 to 5725	Pass
		50	5499.980	5470 to 5725	Pass
	5580	20	5580.060	5470 to 5725	Pass
			5580.000	5470 to 5725	Pass
			5580.000	5470 to 5725	Pass
		-10	5580.000	5470 to 5725	Pass
		0	5579.980	5470 to 5725	Pass
		10	5580.040	5470 to 5725	Pass
		30	5579.980	5470 to 5725	Pass
		40	5580.000	5470 to 5725	Pass
		50	5579.980	5470 to 5725	Pass
	5700	20	5700.020	5470 to 5725	Pass
			5700.000	5470 to 5725	Pass
			5700.020	5470 to 5725	Pass
		-10	5700.040	5470 to 5725	Pass
		0	5699.980	5470 to 5725	Pass
		10	5700.000	5470 to 5725	Pass
		30	5700.000	5470 to 5725	Pass
		40	5699.980	5470 to 5725	Pass
		50	5699.980	5470 to 5725	Pass
	5745	20	5745.020	5725 to 5850	Pass
			5744.960	5725 to 5850	Pass
			5744.980	5725 to 5850	Pass
		-10	5745.020	5725 to 5850	Pass
		0	5745.000	5725 to 5850	Pass
		10	5744.980	5725 to 5850	Pass
		30	5745.000	5725 to 5850	Pass
		40	5745.000	5725 to 5850	Pass
		50	5744.980	5725 to 5850	Pass
	5785	20	5785.020	5725 to 5850	Pass
			5784.980	5725 to 5850	Pass

			5785.040	5725 to 5850	Pass
		-10	5785.040	5725 to 5850	Pass
		0	5784.980	5725 to 5850	Pass
		10	5784.960	5725 to 5850	Pass
		30	5784.980	5725 to 5850	Pass
		40	5784.980	5725 to 5850	Pass
		50	5785.000	5725 to 5850	Pass
	5825	20	5824.960	5725 to 5850	Pass
			5825.000	5725 to 5850	Pass
			5825.000	5725 to 5850	Pass
		-10	5825.020	5725 to 5850	Pass
		0	5825.060	5725 to 5850	Pass
		10	5824.960	5725 to 5850	Pass
		30	5824.960	5725 to 5850	Pass
		40	5824.980	5725 to 5850	Pass
		50	5824.980	5725 to 5850	Pass

802.11ax (HEW40)	5190	20	5190.040	5150 to 5250	Pass
			5190.040	5150 to 5250	Pass
			5190.040	5150 to 5250	Pass
		-10	5190.120	5150 to 5250	Pass
		0	5190.000	5150 to 5250	Pass
		10	5190.040	5150 to 5250	Pass
		30	5190.040	5150 to 5250	Pass
		40	5190.040	5150 to 5250	Pass
		50	5190.040	5150 to 5250	Pass
	5230	20	5230.040	5150 to 5250	Pass
			5230.080	5150 to 5250	Pass
			5230.040	5150 to 5250	Pass
		-10	5230.040	5150 to 5250	Pass
		0	5229.960	5150 to 5250	Pass
		10	5230.080	5150 to 5250	Pass
		30	5230.040	5150 to 5250	Pass
		40	5230.040	5150 to 5250	Pass
		50	5230.040	5150 to 5250	Pass
	5270	20	5269.960	5250 to 5350	Pass
			5270.000	5250 to 5350	Pass
			5270.040	5250 to 5350	Pass
		-10	5270.000	5250 to 5350	Pass
		0	5270.080	5250 to 5350	Pass
		10	5270.000	5250 to 5350	Pass
		30	5270.040	5250 to 5350	Pass
		40	5270.080	5250 to 5350	Pass
		50	5270.000	5250 to 5350	Pass
	5310	20	5310.000	5250 to 5350	Pass
			5310.040	5250 to 5350	Pass
			5310.040	5250 to 5350	Pass
		-10	5310.000	5250 to 5350	Pass
		0	5310.040	5250 to 5350	Pass
		10	5310.040	5250 to 5350	Pass
		30	5310.040	5250 to 5350	Pass
		40	5310.040	5250 to 5350	Pass
		50	5310.040	5250 to 5350	Pass
	5510	20	5510.000	5470 to 5725	Pass
			5510.040	5470 to 5725	Pass
			5510.080	5470 to 5725	Pass
		-10	5510.040	5470 to 5725	Pass
		0	5509.920	5470 to 5725	Pass
		10	5510.040	5470 to 5725	Pass
		30	5510.000	5470 to 5725	Pass
		40	5510.000	5470 to 5725	Pass
		50	5510.120	5470 to 5725	Pass

	5550	20	5550.080	5470 to 5725	Pass
			5550.080	5470 to 5725	Pass
			5550.040	5470 to 5725	Pass
		-10	5550.040	5470 to 5725	Pass
		0	5550.080	5470 to 5725	Pass
		10	5550.040	5470 to 5725	Pass
		30	5550.000	5470 to 5725	Pass
		40	5550.040	5470 to 5725	Pass
		50	5550.000	5470 to 5725	Pass
	5670	20	5670.000	5470 to 5725	Pass
			5669.960	5470 to 5725	Pass
			5669.960	5470 to 5725	Pass
		-10	5670.040	5470 to 5725	Pass
		0	5670.040	5470 to 5725	Pass
		10	5669.960	5470 to 5725	Pass
		30	5670.000	5470 to 5725	Pass
		40	5670.080	5470 to 5725	Pass
		50	5670.040	5470 to 5725	Pass
	5755	20	5755.000	5725 to 5850	Pass
			5754.960	5725 to 5850	Pass
			5755.000	5725 to 5850	Pass
		-10	5755.040	5725 to 5850	Pass
		0	5755.040	5725 to 5850	Pass
		10	5754.960	5725 to 5850	Pass
		30	5754.960	5725 to 5850	Pass
		40	5755.000	5725 to 5850	Pass
		50	5754.960	5725 to 5850	Pass
	5795	20	5795.000	5725 to 5850	Pass
			5794.920	5725 to 5850	Pass
			5795.000	5725 to 5850	Pass
		-10	5795.080	5725 to 5850	Pass
		0	5795.080	5725 to 5850	Pass
		10	5794.960	5725 to 5850	Pass
		30	5795.080	5725 to 5850	Pass
		40	5795.040	5725 to 5850	Pass
		50	5795.040	5725 to 5850	Pass

The End